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CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention
- [41] - Open to Public Inspection Date
- [45] - Date of Issue
- [48] - Correction Date (Re-Issued, Re-Examined)
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la Convention de Paris
- [41] - Date de mise à la disponibilité du public
- [45] - Date de délivrance
- [48] - Date de correction (Redélivrance, Réexamen)
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Nom(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,937,727

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,937,727

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 2, 2018

1. **Transmittal Fee** (Rule 14)	**$300**
2. **International Filing Fee**	**$1708***
For each additional sheet over 30	**$19**
3. **International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 2 janvier 2018

1. **Taxe de transmission** (Règle 14)	**300 $**
2. **Taxe de dépôt internationale**	**1708 $***
Pour chaque feuille au delà de 30	**19 $**
3. **Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee

50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. **Handling fee** (Rule 57.2(*a*))	**$257**
6. **Preliminary examination fee** (Rule 58)	**$800**

* International fees will be reduced by:

- **$257** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$385** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif

50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. **Taxe de traitement** (Règle 57.2*a*))	**257 $**
6. **Taxe d'examen préliminaire** (Règle 58)	**800 $**

* Les frais seront réduits de:

- **257 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **385 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
7. Procedures when CIPO is open for business but clients are unable to communicate with the Office
8. Intellectual property acts, rules and regulations

14. Procédures de correspondance

le 20 juin, 2017

1. Livraison en personne de correspondance à l'OPIC.
2. Correspondance électronique
3. Précisions concernant les formats électroniques acceptés
4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture
8. Lois, règles et règlements sur la propriété intellectuelle

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

établissements ou des bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé^{MC} et Xpresspost^{MC} de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and

- ordering copies in paper, or electronic form of a document.

des agents de brevets;

- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce.
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work.
- application for registration of a copyright in a performer's performance, sound recording or a

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre.
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
   - First Monday in August (British Columbia Day)
   - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
   - March 17 (St. Patrick's Day)
   - April 23 (St. George's Day)
   - June 24 (Discovery Day)
   - July 12 (Orangemen's Day)
   - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
   - Third Monday in February (Ontario Family Day)
   - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
   - premier lundi d'août (Fête de la Colombie-Britannique)
   - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
   - 17 mars (Fête de la Saint-Patrick)
   - 23 avril (Fête de la Saint-Georges)
   - 24 juin (Journée de la Découverte)
   - 12 juillet (Jour des Orangistes)
   - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
   - troisième lundi de février (Jour de la Famille de l'Ontario)
   - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC, par Xpresspost^MC ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of July 3, 2018 contains applications open to public inspection from June 17, 2018 to June 23, 2018.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 3 juillet 2018 contient les demandes disponibles au public pour consultation pour la période du 17 juin 2018 au 23 juin 2018.

Canadian Patents Issued

July 3, 2018

Brevets canadiens délivrés

3 juillet 2018

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[11] **2,433,587**
[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01) G09B 5/00 (2006.01)**
[25] EN
[54] **COURSE CONTENT DEVELOPMENT FOR BUSINESS DRIVEN LEARNING SOLUTIONS**
[54] **ELABORATION DE COURS POUR SOLUTIONS D'APPRENTISSAGE AXEES SUR LES ACTIVITES COMMERCIALES**
[72] DRAPER, WILLIAM CHRISTOPHER JR., US
[72] HUBBELL, JOHN R., US
[72] FOLEY, CHRISTOPHER P., US
[72] STOVALL, THOMAS KENNETH, US
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[86] (2433587)
[87] (2433587)
[22] 2003-06-26
[30] US (60/391,929) 2002-06-28
[30] US (60/391,932) 2002-06-28
[30] US (60/398,926) 2002-07-29
[30] US (10/401,045) 2003-03-28

---

[11] **2,438,977**
[13] A1
[51] **Int.Cl. A61M 15/00 (2006.01) A61B 5/085 (2006.01) A61M 15/08 (2006.01) A61B 5/097 (2006.01) A61M 11/00 (2006.01) A61M 16/00 (2006.01)**
[25] EN
[54] **NASAL DEVICES INCLUDING A DELIVERY PREVENTION MECHANISM**
[54] **APPAREILS DE DIFFUSION NASALE COMPRENANT UN MECANISME EMPECHANT LA DIFFUSION**
[72] DJUPESLAND, PER GISLE, NO
[73] OPTINOSE AS, NO
[85] 2003-08-21
[86] 2002-02-26 (PCT/IB2002/001546)
[87] (WO2002/068030)
[30] GB (0104692.9) 2001-02-26

---

[11] **2,517,253**
[13] A1
[51] **Int.Cl. C12N 15/54 (2006.01) A01K 67/027 (2006.01) C11C 1/00 (2006.01) C12N 1/00 (2006.01) C12N 9/10 (2006.01) C12N 15/63 (2006.01) C12N 15/82 (2006.01) C12P 7/64 (2006.01)**
[25] EN
[54] **METHOD FOR THE PRODUCTION OF POLYUNSATURATED FATTY ACIDS**
[54] **PROCEDE DE PRODUCTION D'ACIDES GRAS POLYINSATURES**
[72] RENZ, ANDREAS, DE
[72] HEINZ, ERNST, DE
[72] ABBADI, AMINE, DE
[72] DOMERGUE, FREDERIC, DE
[72] ZANK, THORSTEN, DE
[73] BASF PLANT SCIENCE GMBH, DE
[85] 2005-08-25
[86] 2004-01-29 (PCT/EP2004/000771)
[87] (WO2004/076617)
[30] DE (103 08 836.9) 2003-02-27

---

[11] **2,619,707**
[13] A1
[51] **Int.Cl. A61B 5/02 (2006.01) A61B 5/021 (2006.01) A61B 5/0402 (2006.01) A61B 5/11 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR MONITORING HEART IMPULSES**
[54] **PROCEDES ET DISPOSITIFS POUR LE CONTROLE DU RYTHME CARDIAQUE**
[72] KOBLANSKI, JOHN, CA
[73] CANFORM MEDICAL LTD., CA
[85] 2008-02-19
[86] 2006-07-14 (PCT/CA2006/001137)
[87] (WO2007/022615)
[30] US (11/207,704) 2005-08-22
[30] US (11/380,409) 2006-04-26

---

[11] **2,623,169**
[13] A1
[51] **Int.Cl. H05H 1/34 (2006.01) B23P 15/00 (2006.01) B23P 17/04 (2006.01) B23P 23/04 (2006.01)**
[25] EN
[54] **PLASMA TORCH WITH CORROSIVE PROTECTED COLLIMATOR**
[54] **TORCHE A PLASMA A COLLIMATEUR PROTEGE DE LA CORROSION**
[72] HANUS, GARY J., US
[72] REEVE, RODNEY E., US
[72] STAHL, TODD J., US
[73] PHOENIX SOLUTIONS CO., US
[85] 2008-03-19
[86] 2006-02-14 (PCT/US2006/005061)
[87] (WO2007/040583)
[30] US (11/240,050) 2005-09-30

---

[11] **2,624,601**
[13] A1
[51] **Int.Cl. C12Q 1/00 (2006.01) A61K 45/00 (2006.01) A61K 47/00 (2006.01)**
[25] EN
[54] **RELEVANCE OF ACHIEVED LEVELS OF MARKERS OF SYSTEMIC INFLAMMATION FOLLOWING TREATMENT**
[54] **PERTINENCE DE NIVEAUX OBTENUS DE MARQUEURS D'INFLAMMATION GENERALISEE A LA SUITE D'UN TRAITEMENT**
[72] RIDKER, PAUL M., US
[73] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
[85] 2008-03-31
[86] 2005-10-06 (PCT/US2005/036347)
[87] (WO2006/042192)
[30] US (60/616,467) 2004-10-06

[11] **2,626,542**
[13] A1
[51] **Int.Cl. C07K 16/04 (2006.01) A61K 38/19 (2006.01) A61K 39/395 (2006.01) A61P 37/02 (2006.01) C07K 16/00 (2006.01) C07K 16/18 (2006.01) C07K 16/30 (2006.01) C12P 21/02 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **ANTIBODIES WITH ENHANCED ANTIBODY-DEPENDENT CELLULAR CYTOTOXICITY ACTIVITY, METHODS OF THEIR PRODUCTION AND USE**
[54] **ANTICORPS AYANT UNE MEILLEURE ACTIVITE CYTOTOXIQUE CELLULAIRE DEPENDANT DES ANTICORPS ET LEURS PROCEDES DE PRODUCTION ET LEUR UTILISATION**
[72] SCHINDLER, DANIEL, US
[72] MEADE, HARRY M., US
[72] EDMUNDS, TIMOTHY, US
[72] MCPHERSON, JOHN, US
[73] GENZYME CORPORATION, US
[73] LFB USA, INC., US
[85] 2008-04-18
[86] 2006-10-23 (PCT/US2006/041656)
[87] (WO2007/048077)
[30] US (60/729,054) 2005-10-21

---

[11] **2,632,718**
[13] A1
[51] **Int.Cl. G06Q 40/04 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROCESSING ORDERS FOR SECURITIES**
[54] **SYSTEME ET PROCEDE PERMETTANT DE TRAITER DES ORDRES DESTINES A DES TITRES**
[72] GROSSMAN, KARL, GB
[73] BARCLAYS CAPITAL INC., US
[85] 2008-06-06
[86] 2006-11-03 (PCT/US2006/043121)
[87] (WO2007/053778)
[30] US (60/733,246) 2005-11-03

---

[11] **2,643,928**
[13] A1
[51] **Int.Cl. H04W 72/14 (2009.01) H04W 52/38 (2009.01) H04W 56/00 (2009.01)**
[25] EN
[54] **AN APPARATUS AND METHOD FOR FAST ACCESS IN A WIRELESS COMMUNICATION SYSTEM**
[54] **APPAREIL ET PROCEDE DESTINES A UN ACCES RAPIDE DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] DAMNJANOVIC, ALEKSANDAR, US
[73] QUALCOMM INCORPORATED, US
[85] 2008-08-26
[86] 2007-03-20 (PCT/US2007/064409)
[87] (WO2007/109669)
[30] US (60/784,740) 2006-03-20

---

[11] **2,646,329**
[13] A1
[51] **Int.Cl. C12P 21/08 (2006.01) A61K 39/395 (2006.01) C07K 16/00 (2006.01) C12P 21/04 (2006.01) G01N 33/574 (2006.01) C07H 21/04 (2006.01)**
[25] EN
[54] **ENGINEERED ANTI-PROSTATE STEM CELL ANTIGEN (PSCA) ANTIBODIES FOR CANCER TARGETING**
[54] **ANTICORPS MODIFIES DIRIGES CONTRE L'ANTIGENE DE CELLULES SOUCHES PROSTATIQUES SERVANT A CIBLER LE CANCER**
[72] WU, ANNA M., US
[72] REITER, ROBERT E., US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2008-09-17
[86] 2007-03-20 (PCT/US2007/007020)
[87] (WO2007/109321)
[30] US (60/784,192) 2006-03-20

---

[11] **2,656,313**
[13] A1
[51] **Int.Cl. C07K 14/435 (2006.01)**
[25] EN
[54] **PS4 EXOAMYLASE H307K/R VARIANT**
[54] **VARIANTE H307/R D'EXAMYLASE PS4**
[72] DERKX, PATRICK MARIA FRANCISCUS, NL
[72] HEMMINGSEN, ANJA KELLET-SMITH, DK
[72] MEJLDAL, RIE, DK
[72] SORENSEN, BO SPANGE, DK
[72] KRAGH, KARSTEN MATTHIAS, DK
[73] DUPONT NUTRITION BIOSCIENCES APS, DK
[85] 2008-12-22
[86] 2007-06-19 (PCT/IB2007/002056)
[87] (WO2007/148224)
[30] US (60/814,851) 2006-06-19

---

[11] **2,665,350**
[13] A1
[51] **Int.Cl. C02F 11/14 (2006.01)**
[25] EN
[54] **METHOD FOR TREATING MINERAL SLUDGE AND INSTALLATION FOR CARRYING OUT SAME**
[54] **PROCEDE ET INSTALLATION DE TAITEMENT DES BOUES MINERALES**
[72] PICH, RENE, FR
[72] JERONIMO, PHILIPPE, FR
[72] RAMEY, SCOTT H., US
[73] S.P.C.M. SA, FR
[73] SNF INC, US
[86] (2665350)
[87] (2665350)
[22] 2009-05-06
[30] FR (0853997) 2008-06-17

[11] **2,670,617**
[13] A1
[51] **Int.Cl. G06Q 10/00 (2012.01) G06Q 50/30 (2012.01)**
[25] EN
[54] **METHODS AND APPARATUS PROVIDING AN E-ENABLED GROUND ARCHITECTURE**
[54] **PROCEDES ET APPAREIL FORMANT UNE ARCHITECTURE AU SOL ADAPTEE A L'INTERNET**
[72] SMALL, GREGORY J, US
[72] MYSORE SRINIVASAMURTHY, JAYANTH, US
[72] GOULD, KIM V, US
[72] HALL, LEE S, US
[73] THE BOEING COMPANY, US
[85] 2009-05-22
[86] 2007-12-19 (PCT/US2007/088084)
[87] (WO2008/127473)
[30] US (11/617,903) 2006-12-29

[11] **2,671,613**
[13] A1
[51] **Int.Cl. A61K 38/12 (2006.01) A61K 31/138 (2006.01)**
[25] EN
[54] **METHODS OF USE OF TRK RECEPTOR MODULATORS**
[54] **PROCEDES D'UTILISATION DE MODULATEURS DE RECEPTEUR TRK**
[72] SARAGOVI, H. URI, CA
[73] THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY, CA
[85] 2009-06-03
[86] 2007-12-05 (PCT/US2007/024936)
[87] (WO2008/070132)
[30] US (60/873,042) 2006-12-05

[11] **2,672,775**
[13] A1
[51] **Int.Cl. G06F 21/31 (2013.01)**
[25] EN
[54] **SIMPLIFIED MANAGEMENT OF AUTHENTICATION CREDENTIALS FOR UNATTENDED APPLICATIONS**
[54] **GESTION SIMPLIFIEE DE REFERENCES D'AUTHENTIFICATION POUR DES APPLICATIONS AUTOMATIQUES**
[72] ADAMS, GARNEY DAVID, CA
[72] GRAPES, ROBERT, CA
[72] GU, YUAN XIANG, CA
[72] MEHAN, JOHNSTON RICHARD EDWARD, CA
[72] RONG, JACK JIEQUN, CA
[73] IRDETO B.V., NL
[85] 2009-06-16
[86] 2007-11-15 (PCT/CA2007/002048)
[87] (WO2008/074125)
[30] US (11/640,371) 2006-12-18

[11] **2,673,128**
[13] A1
[51] **Int.Cl. A61K 31/573 (2006.01) A61P 5/36 (2006.01) A61P 15/00 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) C07J 9/00 (2006.01) C07J 41/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR SUPPRESSING ENDOMETRIAL PROLIFERATION**
[54] **COMPOSITIONS ET PROCEDES POUR SUPPRIMER LA PROLIFERATION DE L'ENDOMETRE**
[72] PODOLSKI, JOSEPH S., US
[73] REPROS THERAPEUTICS INC., US
[85] 2009-04-09
[86] 2007-10-24 (PCT/US2007/082432)
[87] (WO2008/067086)
[30] US (60/862,632) 2006-10-24
[30] US (60/885,348) 2007-01-17

[11] **2,673,519**
[13] A1
[51] **Int.Cl. B65D 41/12 (2006.01)**
[25] EN
[54] **CROWN-TYPE METAL CAP WITH PROJECTION INDICATING PRESSURE OR VACUUM, AND METHOD FOR MAKING SAME**
[54] **CAPSULE METALLIQUE DE TYPE COURONNE AVEC ELEMENT SAILLANT INDICATEUR DE PRESSION OU DE VIDE, ET SON PROCEDE DE FABRICATION**
[72] GARCIA PEDRAZA, JOSE ANTONIO, MX
[72] ESCAMILLA GARZA, RAMIRO, MX
[73] FABRICAS MONTERREY, S.A. DE C.V., MX
[85] 2009-06-19
[86] 2006-12-20 (PCT/MX2006/000154)
[87] (WO2008/075932)

[11] **2,680,207**
[13] A1
[51] **Int.Cl. A61K 47/42 (2017.01) A61K 9/14 (2006.01) A61K 31/436 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **NANOPARTICLE COMPRISING RAPAMYCIN AND ALBUMIN AS ANTICANCER AGENT**
[54] **NANOPARTICULE COMPRENANT DE LA RAPAMYCINE ET DE L'ALBUMINE UTILISEE COMME AGENT ANTICANCEREUX**
[72] DESAI, NEIL P., US
[72] SOON-SHIONG, PATRICK, US
[72] TRIEU, VUONG, US
[73] ABRAXIS BIOSCIENCE, LLC., US
[85] 2009-09-04
[86] 2008-03-07 (PCT/US2008/003096)
[87] (WO2008/109163)
[30] US (60/905,735) 2007-03-07
[30] US (60/905,767) 2007-03-07
[30] US (60/905,669) 2007-03-07
[30] US (60/905,787) 2007-03-07
[30] US (60/905,662) 2007-03-07
[30] US (60/905,750) 2007-03-07
[30] US (60/905,672) 2007-03-07
[30] US (60/905,663) 2007-03-07
[30] US (60/905,734) 2007-03-07
[30] US (60/923,248) 2007-04-13
[30] US (60/923,456) 2007-04-13

[11] **2,683,206**
[13] A1
[51] **Int.Cl. G01B 11/245 (2006.01) G01N 21/55 (2014.01) H04N 5/243 (2006.01) G01N 21/896 (2006.01)**
[25] EN
[54] **ENHANCED IMAGING METHOD AND APPARATUS**
[54] **METHODE ET APPAREILLAGE D'IMAGERIE AMELIOREES**
[72] HERMARY, TERRANCE J., CA
[72] HERMARY, ALEXANDER T., CA
[72] BALL, MICHAEL D., CA
[72] SAHRAEI, MOHAMMAD R., CA
[73] HERMARY OPTO ELECTRONICS INC., CA
[86] (2683206)
[87] (2683206)
[22] 2009-10-17

---

[11] **2,684,545**
[13] A1
[51] **Int.Cl. H02S 30/10 (2014.01) E04D 13/18 (2018.01) H05K 7/02 (2006.01) H02S 20/23 (2014.01)**
[25] FR
[54] **BEARING FRAME FOR A PANEL PHOTOELECTRIC SUCH AS A PHOTOELECTRIC PANEL AND BUILDING EXTERNAL WALL INCLUDING SUCH PANEL**
[54] **BATI SUPPORT D'UN PANNEAU TEL QUE PANNEAU PHOTOELECTRIQUE ET PAROI EXTERIEURE D'UN BATIMENT COMPORTANT DE TELS BATIS**
[72] REYAL, JEAN-PIERRE, FR
[72] JAUTARD, YVES, FR
[73] ARCELORMITTAL - STAINLESS AND NICKEL ALLOYS, FR
[73] SOLARTE, FR
[85] 2009-10-19
[86] 2008-04-17 (PCT/FR2008/050689)
[87] (WO2008/145903)
[30] FR (07 54611) 2007-04-20

---

[11] **2,687,536**
[13] A1
[51] **Int.Cl. C01B 3/02 (2006.01) B01J 23/02 (2006.01) B01J 23/10 (2006.01) B01J 23/38 (2006.01) B01J 23/70 (2006.01) C01B 3/26 (2006.01)**
[25] EN
[54] **METHOD FOR THE PRODUCTION OF HYDROGEN FROM AMMONIA BORANE**
[54] **PROCEDE DE PRODUCTION D'HYDROGENE A PARTIR DE BORANE D'AMMONIAC**
[72] ABDUR-RASHID, KAMALUDDIN, CA
[72] GRAHAM, TODD, CA
[72] TSANG, CHI-WING, CA
[72] CHEN, XUANHUA, CA
[72] GUO, RONGWEI, CA
[72] JIA, WENLI, CA
[72] AMOROSO, DINO, CA
[72] SUI-SENG, CHRISTINE, CA
[73] KANATA CHEMICAL TECHNOLOGIES INC., CA
[85] 2009-11-17
[86] 2008-05-16 (PCT/CA2008/000943)
[87] (WO2008/141439)
[30] US (60/938,912) 2007-05-18

---

[11] **2,687,808**
[13] A1
[51] **Int.Cl. G01N 29/00 (2006.01) G01N 29/04 (2006.01) G01N 29/24 (2006.01) G01N 29/30 (2006.01) G01N 29/06 (2006.01) G01N 29/34 (2006.01)**
[25] EN
[54] **ULTRASOUND INSPECTION METHODS FOR NOISY CAST MATERIALS AND RELATED PROBES**
[54] **METHODES D'INSPECTION AUX ULTRASONS DES MATERIAUX COULES BRUYANTS, ET SONDES CONNEXES**
[72] BATZINGER, THOMAS JAMES, US
[72] BARIGAZZI, RICCARDO, IT
[72] BETTI, FABRIZIO, IT
[72] FAIDI, WASEEM IBRAHIM, US
[72] GIORNI, EUGENIO, IT
[72] HACKENBERGER, DANE E., US
[72] IOZZELLI, FEDERICO, IT
[72] KM, MANOJ KUMAR, IN
[72] SUN, ZONGQI, US
[72] SWEIGART, TOBY L., US
[73] NUOVO PIGNONE S.P.A., IT
[86] (2687808)
[87] (2687808)
[22] 2009-12-10
[30] US (12/338,495) 2008-12-18

---

[11] **2,691,409**
[13] A1
[51] **Int.Cl. F23M 5/00 (2006.01) F23B 60/00 (2006.01)**
[25] EN
[54] **COMBUSTION APPARATUS**
[54] **APPAREIL DE COMBUSTION**
[72] ASHMORE, DAVID OWEN, GB
[73] LANDY VENT UK LIMITED, GB
[86] (2691409)
[87] (2691409)
[22] 2010-01-28
[30] GB (0901688.2) 2009-01-31
[30] GB (0915318.0) 2009-09-03

---

[11] **2,694,858**
[13] A1
[51] **Int.Cl. E21B 7/06 (2006.01) E21B 17/10 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING A DRILLING SYSTEM FOR DRILLING A BOREHOLE IN AN EARTH FORMATION**
[54] **SYSTEME ET PROCEDE POUR COMMANDER UN SYSTEME DE FORAGE POUR FORER UN PUITS DE FORAGE DANS UNE FORMATION GEOLOGIQUE**
[72] JOHNSON, ASHLEY, GB
[72] ALDRED, WALTER, GB
[72] DOWNTON, GEOFFREY, US
[72] BOUALLEG, RIADH, GB
[72] HAUGVALDSTAD, KJELL, NO
[72] SHEPPARD, MICHAEL, GB
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2010-01-27
[86] 2008-08-12 (PCT/GB2008/002706)
[87] (WO2009/022115)
[30] US (11/839,381) 2007-08-15
[30] US (12/116,408) 2008-05-07
[30] US (12/116,444) 2008-05-07
[30] US (12/116,390) 2008-05-07
[30] US (12/116,380) 2008-05-07

[11] 2,698,091
[13] A1
[51] **Int.Cl. C12N 5/071 (2010.01) C12N 5/0735 (2010.01) A61K 35/12 (2015.01) C12N 5/10 (2006.01) C12N 15/09 (2006.01) C12Q 1/02 (2006.01)**
[25] EN
[54] **WNT PATHWAY STIMULATION IN REPROGRAMMING SOMATIC CELLS**
[54] **STIMULATION DE LA VOIE WNT DANS LA REPROGRAMMATION DE CELLULES SOMATIQUES**
[72] CHEVALIER, BRETT, US
[72] MARSON, ALEXANDER, US
[72] YOUNG, RICHARD A., US
[72] FOREMAN, RUTH, US
[72] JAENISCH, RUDOLF, US
[73] WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH, US
[85] 2010-02-26
[86] 2008-08-29 (PCT/US2008/010249)
[87] (WO2009/032194)
[30] US (60/967,028) 2007-08-31
[30] US (61/188,190) 2008-08-06

---

[11] 2,703,681
[13] A1
[51] **Int.Cl. F23N 5/24 (2006.01) F23Q 23/10 (2006.01) G01R 27/14 (2006.01) G01R 31/00 (2006.01)**
[25] EN
[54] **FLAME ROD ANALYSIS SYSTEM**
[54] **SYSTEME D'ANALYSE D'ELECTRODE DE DETECTION DE FLAMME**
[72] BRANECKY, BRIAN T., US
[72] DOLDER, BRIAN C., US
[72] KOEHLER, CHARLES J., III, US
[73] A.O. SMITH CORPORATION, US
[86] (2703681)
[87] (2703681)
[22] 2010-05-12
[30] US (12/467,091) 2009-05-15

---

[11] 2,704,608
[13] A1
[51] **Int.Cl. A23L 23/00 (2016.01)**
[25] EN
[54] **UNITIZED FROZEN SAUCE PRODUCTS**
[54] **PRODUITS DE SAUCE SURGELES UNITISES**
[72] DAZO, PHILIP EDWARD, US
[72] GOOSMAN, SCOTT JEFFREY, US
[72] MARASIGAN, ANNA VIRGINIA, US
[73] CONAGRA FOODS RDM, INC., US
[86] (2704608)
[87] (2704608)
[22] 2010-05-19
[30] US (12/468,996) 2009-05-20

---

[11] 2,707,559
[13] A1
[51] **Int.Cl. C07K 14/755 (2006.01) A61K 38/37 (2006.01) A61P 7/04 (2006.01) C07K 7/08 (2006.01)**
[25] EN
[54] **FVIII PEPTIDES AND THEIR USE IN TOLERISING HAEMOPHILIACS**
[54] **PEPTIDES FVIII ET LEUR UTILISATION DANS LA TOLERISATION DE L'HEMOPHILIE**
[72] WRAITH, DAVID, GB
[73] APITOPE INTERNATIONAL NV, BE
[85] 2010-06-01
[86] 2008-12-03 (PCT/GB2008/003996)
[87] (WO2009/071886)
[30] GB (0723712.6) 2007-12-04

---

[11] 2,708,264
[13] A1
[51] **Int.Cl. A61K 31/4375 (2006.01) A61K 31/513 (2006.01) A61K 45/06 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **METHODS OF USING (+)-1,4-DIHYDRO-7-[(3S,4S)-3-METHOXY-4-(METHYLAMINO)-1-PYRROLIDINYL]-4-OXO-1-(2-THIAZOLYL)-1,8-NAPHTHYRIDINE-3-CARBOXYLIC ACID FOR TREATMENT OF ANTECEDENT HEMATOLOGIC DISORDERS**
[54] **PROCEDES D'UTILISATION DE L'ACIDE (+)-1,4-DIHYDRO-7-[(3S,4S)-3-METHOXY-4-(METHYLAMINO)-1-PYRROLIDINYL]-4-OXO-1-(2-THIAZOLYL)-1,8-NAPHTYRIDINE-3-CARBOXYLIQUE POUR LE TRAITEMENT DE TROUBLES HEMATOLOGIQUES ANTERIEURS**
[72] MICHELSON, GLENN, US
[73] SUNESIS PHARMACEUTICALS, INC., US
[85] 2010-06-07
[86] 2008-12-10 (PCT/US2008/013549)
[87] (WO2009/075841)
[30] US (61/007,229) 2007-12-10

---

[11] 2,710,039
[13] A1
[51] **Int.Cl. C07D 403/12 (2006.01) A61K 31/50 (2006.01) A61K 31/501 (2006.01) A61P 35/00 (2006.01) C07D 237/08 (2006.01) C07D 401/14 (2006.01)**
[25] EN
[54] **SEMICARBAZONES, THIOSEMICARBAZONES AND RELATED COMPOUNDS AND METHODS FOR TREATMENT OF CANCER**
[54] **SEMICARBAZONES, THIOSEMICARNAZONES ET COMPOSES ASSOCIES, ET METHODES DE TRAITEMENT DU CANCER**
[72] LAU, CHEUK KUN, CA
[72] DANTER, WAYNE R., CA
[73] CRITICAL OUTCOME TECHNOLOGIES, INC., CA
[85] 2010-06-18
[86] 2008-12-24 (PCT/CA2008/002293)
[87] (WO2009/079797)
[30] US (61/006,150) 2007-12-26

[11] **2,710,907**
[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) A61N 1/372 (2006.01) A61N 1/378 (2006.01) G08C 17/02 (2006.01) G08C 23/04 (2006.01)**
[25] EN
[54] **METHOD FOR THE CALIBRATION OF AN IMPLANTABLE SENSOR**
[54] **METHODE D'ETALONNAGE DE CAPTEUR IMPLANTABLE**
[72] CRIVELLI, ROCCO, CH
[72] ROTH, DANILLO, CH
[72] GINGGEN, ALEC, US
[73] CODMAN NEURO SCIENCES SARL, CH
[86] (2710907)
[87] (2710907)
[22] 2010-07-22
[30] US (12/509,834) 2009-07-27

---

[11] **2,712,344**
[13] A1
[51] **Int.Cl. C07K 14/47 (2006.01) C07K 1/13 (2006.01) C07K 19/00 (2006.01) C40B 30/04 (2006.01) C40B 40/02 (2006.01) C40B 40/10 (2006.01) C40B 50/06 (2006.01) G01N 21/64 (2006.01) G01N 33/53 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **DEVELOPMENT AND USE OF CYSTEINE-LABELED FLUORESCENT PROBES OF UNBOUND ANALYTES**
[54] **DEVELOPPEMENT ET UTILISATION DE SONDES D'ANALYTES NON LIES MARQUEES PAR FLUORESCENCE AU NIVEAU DE LA CYSTEINE**
[72] KLEINFELD, ALAN MARC, US
[72] HUBER, ANDREW HENRY, US
[72] KAMPF, JAMES PATRICK, US
[72] KWAN, THOMAS, US
[72] ZHU, BAOLONG, US
[73] FFA SCIENCES, LLC, US
[85] 2010-07-15
[86] 2009-01-16 (PCT/US2009/031341)
[87] (WO2009/092047)
[30] US (61/022,261) 2008-01-18

---

[11] **2,716,901**
[13] A1
[51] **Int.Cl. A61K 47/42 (2017.01) A61K 9/10 (2006.01) A61K 9/14 (2006.01) A61K 31/5517 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **PROCESS TO MINIMIZE POLYMORPHISM**
[54] **PROCEDE VISANT A REDUIRE LE POLYMORPHISME**
[72] HOWES, SIMON A. M., GB
[72] MCLAUGHLIN, ROSIE, GB
[72] JORDAN, ANDREW, GB
[72] TIAN, WEI, GB
[73] R.P. SCHERER TECHNOLOGIES, LLC, US
[73] HOWES, SIMON A. M., ZZ
[73] MCLAUGHLIN, ROSIE, ZZ
[73] JORDAN, ANDREW, ZZ
[73] TIAN, WEI, ZZ
[85] 2010-08-26
[86] 2009-02-26 (PCT/US2009/035276)
[87] (WO2009/108775)
[30] US (61/032,298) 2008-02-28

---

[11] **2,719,753**
[13] A1
[51] **Int.Cl. H02J 4/00 (2006.01) H02J 7/00 (2006.01) H02J 15/00 (2006.01) H02M 1/00 (2007.10)**
[25] EN
[54] **A POWER CONVERTER SYSTEM THAT OPERATES EFFICIENTLY OVER A RANGE OF LOAD CONDITIONS**
[54] **SYSTEME DE CONVERTISSEUR DE PUISSANCE QUI FONCTIONNE EFFICACEMENT SUR UNE PLAGE DE CONDITIONS DE CHARGE**
[72] JANG, YUNGTEAK, US
[72] JOVANOVIC, MILAN M., US
[72] CHENG, BRUCE C. H., TW
[73] DELTA ELECTRONICS, INC., TW
[73] JANG, YUNGTEAK, ZZ
[73] JOVANOVIC, MILAN M., ZZ
[73] CHENG, BRUCE C. H., ZZ
[85] 2010-09-24
[86] 2009-03-24 (PCT/US2009/038102)
[87] (WO2009/120695)
[30] US (61/064,756) 2008-03-25

---

[11] **2,722,753**
[13] A1
[51] **Int.Cl. A61K 31/56 (2006.01) A61P 15/00 (2006.01) A61P 15/04 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PROGESTERONE ANTAGONISTS SUCH AS CDB-4124 IN THE TREATMENT OF ENDOMETRIOSIS, UTERINE FIBROIDS, DYSMENORRHEA, BREAST CANCER ETC**
[54] **ANTAGONISTES DE LA PROGESTERONE COMME LE CDB-4124 DANS LE TRAITEMENT DE L'ENDOMETRIOSE, DES FIBROMES UTERINS, DE LA DYSMENORRHEE, DU CANCER DU SEIN, ETC.**
[72] PODOLSKI, JOSEPH S., US
[73] REPROS THERAPEUTICS INC., US
[73] PODOLSKI, JOSEPH S., ZZ
[85] 2010-10-27
[86] 2009-04-27 (PCT/US2009/041826)
[87] (WO2009/134718)
[30] US (61/048,472) 2008-04-28

---

[11] **2,723,155**
[13] A1
[51] **Int.Cl. H04W 24/08 (2009.01)**
[25] EN
[54] **GATHERING DATA ON CELLULAR DATA COMMUNICATION CHARACTERISTICS**
[54] **COLLECTE DE DONNEES SUR LES CARACTERISTIQUES DES DONNEES CONCERNANT LA COMMUNICATION PAR CELLULAIRE**
[72] WOOD, STEVEN, US
[72] JOHNSON, DAVID ALAN, US
[73] CRADLEPOINT, INC., US
[73] WOOD, STEVEN, ZZ
[73] JOHNSON, DAVID ALAN, ZZ
[86] (2723155)
[87] (2723155)
[22] 2010-12-02
[30] US (61/266,913) 2009-12-04
[30] US (12/957,139) 2010-11-30

[11] **2,725,904**
[13] A1
[51] **Int.Cl. B05B 15/70 (2018.01) B05B 12/04 (2006.01) B05B 12/14 (2006.01) B05B 13/04 (2006.01) B25J 5/02 (2006.01)**
[25] EN
[54] **COMPACT PAINT BOOTH AND METHOD**
[54] **CABINE DE PEINTURE COMPACTE ET PROCEDE ASSOCIE**
[72] HELDT, ROBERT F., US
[72] GRIGOLEIT, JAN, DE
[72] SOUGIOLTZIS, VASSILIOS, DE
[72] BUCKNELL, THOMAS A., US
[73] DURR SYSTEMS GMBH, DE
[73] HELDT, ROBERT F., ZZ
[73] GRIGOLEIT, JAN, ZZ
[73] SOUGIOLTZIS, VASSILIOS, ZZ
[73] BUCKNELL, THOMAS A., ZZ
[85] 2010-11-25
[86] 2009-06-05 (PCT/EP2009/004062)
[87] (WO2009/146936)
[30] US (61/059,170) 2008-06-05
[30] US (61/059,555) 2008-06-06
[30] US (12/478,510) 2009-06-04

---

[11] **2,727,097**
[13] A1
[51] **Int.Cl. D21H 21/20 (2006.01) D21H 13/20 (2006.01) D21H 17/26 (2006.01) D21H 17/28 (2006.01) D21H 17/42 (2006.01)**
[25] EN
[54] **ABSORBENT SHEET PREPARED WITH PAPERMAKING FIBER AND SYNTHETIC FIBER EXHIBITING IMPROVED WET STRENGTH**
[54] **FEUILLE ABSORBANTE PREPAREE AVEC UNE FIBRE A PAPIER ET FIBRE SYNTHETIQUE LAISSANT APPARAITRE UNE MEILLEURE RESISTANCE A L'HUMIDITE**
[72] KOKKO, BRUCE J., US
[72] SUMNICHT, DANIEL W., US
[73] KOKKO, BRUCE J., ZZ
[73] SUMNICHT, DANIEL W., ZZ
[73] GPCP IP HOLDINGS LLC, US
[85] 2010-12-07
[86] 2009-06-11 (PCT/US2009/003511)
[87] (WO2009/151612)
[30] US (61/131,642) 2008-06-11

---

[11] **2,727,339**
[13] A1
[51] **Int.Cl. G01R 31/12 (2006.01)**
[25] EN
[54] **PORTABLE PARTIAL DISCHARGE DETECTION DEVICE**
[54] **DISPOSITIF DE DETECTION DE DECHARGE PARTIELLE PORTABLE**
[72] DI STEFANO, ANTONIO, IT
[72] CANDELA, ROBERTO, IT
[72] GIACONIA, GIUSEPPE COSTANTINO, IT
[72] FISCELLI, GIUSEPPE, IT
[73] PRYSMIAN S.P.A., IT
[73] DI STEFANO, ANTONIO, ZZ
[73] CANDELA, ROBERTO, ZZ
[73] GIACONIA, GIUSEPPE COSTANTINO, ZZ
[73] FISCELLI, GIUSEPPE, ZZ
[85] 2010-12-08
[86] 2009-06-11 (PCT/IB2009/052496)
[87] (WO2009/150627)
[30] IT (RM2008A000304) 2008-06-11

---

[11] **2,730,044**
[13] A1
[51] **Int.Cl. A63C 17/01 (2006.01) A63C 1/00 (2006.01) A63C 17/18 (2006.01)**
[25] EN
[54] **ICE SKATEBOARD**
[54] **PLANCHE A GLACE**
[72] GIANNATOS, KALLIOPI, US
[73] GIANNATOS, KALLIOPI, US
[85] 2011-01-06
[86] 2009-06-18 (PCT/US2009/047786)
[87] (WO2009/155412)
[30] US (12/214,331) 2008-06-18

---

[11] **2,730,622**
[13] A1
[51] **Int.Cl. C07D 473/18 (2006.01) C07F 7/18 (2006.01)**
[25] EN
[54] **PROCESS FOR THE SYNTHESIS OF CARBONUCLEOSIDE AND INTERMEDIATES FOR USE THEREIN**
[54] **PROCEDE DE SYNTHESE D'UN CARBONUCLEOSIDE ET INTERMEDIAIRES POUR CE PROCEDE**
[72] ALBERICO, DINO, CA
[72] CLAYTON, JOSHUA, CA
[72] DIXON, CRAIG, CA
[72] BORIS, GORIN, CA
[73] ALPHORA RESEARCH INC., CA
[73] ALBERICO, DINO, CA
[73] CLAYTON, JOSHUA, CA
[73] DIXON, CRAIG, CA
[73] BORIS, GORIN, CA
[86] (2730622)
[87] (2730622)
[22] 2011-02-03
[30] CA (2,705,953) 2010-05-31

---

[11] **2,733,503**
[13] A1
[51] **Int.Cl. D21H 17/42 (2006.01) D21H 17/37 (2006.01) D21H 17/44 (2006.01) D21H 17/45 (2006.01) D21H 17/48 (2006.01) D21H 17/55 (2006.01) D21H 17/56 (2006.01) D21H 21/18 (2006.01)**
[25] EN
[54] **PROCESS FOR INCREASING THE DRY STRENGTH OF PAPER, BOARD AND CARDBOARD**
[54] **PROCEDE POUR AMELIORER LA RESISTANCE A SEC DU PAPIER, DU CARTON-PATE ET DU CARTON**
[72] HAEHNLE, HANS-JOACHIM, DE
[72] JEHN-RENDU, CHRISTIAN, DE
[72] BLUM, RAINER, DE
[72] KRUEGER, ELLEN, DE
[72] SCHALL, NORBERT, DE
[72] RUEBENACKER, MARTIN, DE
[73] BASF SE, DE
[73] HAEHNLE, HANS-JOACHIM, ZZ
[73] JEHN-RENDU, CHRISTIAN, ZZ
[73] BLUM, RAINER, ZZ
[73] KRUEGER, ELLEN, ZZ
[73] SCHALL, NORBERT, ZZ
[73] RUEBENACKER, MARTIN, ZZ
[85] 2011-02-08
[86] 2009-08-10 (PCT/EP2009/060331)
[87] (WO2010/020551)
[30] EP (08162545.1) 2008-08-18

[11] **2,734,625**
[13] A1
[51] **Int.Cl. B60S 3/04 (2006.01)**
[25] EN
[54] **SYSTEM FOR REMOVING SNOW FROM VEHICLES**
[54] **SYSTEME DE DENEIGEMENT DE VEHICULES**
[72] QUINN, JAMES D., CA
[73] BLOXSIDGE, JEFF, CA
[86] (2734625)
[87] (2734625)
[22] 2011-03-22
[30] US (13/047,528) 2011-03-14

---

[11] **2,735,312**
[13] A1
[51] **Int.Cl. E21B 43/24 (2006.01) C10G 1/04 (2006.01) E21B 43/16 (2006.01) E21B 43/29 (2006.01)**
[25] EN
[54] **APPARATUS FOR OIL EXTRACTION FROM OIL SANDS**
[54] **APPAREIL D'EXTRACTION D'HYDROCARBURES PROVENANT DE SABLES BITUMINEUX**
[72] ADAMSON, JAMES S., CA
[73] HENDRICK VAN DER LEE, JAMES, CA
[86] (2735312)
[87] (2735312)
[22] 2011-03-21

---

[11] **2,737,707**
[13] A1
[51] **Int.Cl. A62C 35/58 (2006.01) A62C 35/60 (2006.01) A62C 35/62 (2006.01) A62C 35/64 (2006.01)**
[25] EN
[54] **FIRE PROTECTION SYSTEMS HAVING REDUCED CORROSION**
[54] **SYSTEMES DE PROTECTION CONTRE L'INCENDIE AYANT UNE CORROSION REDUITE**
[72] BURKHART, DAVID J., US
[72] KOCHELEK, JEFFREY T., US
[72] JONES, KENNETH, US
[72] HOLT, THORSTEIN, US
[73] BURKHART, DAVID J., ZZ
[73] KOCHELEK, JEFFREY T., ZZ
[73] JONES, KENNETH, ZZ
[73] HOLT, THORSTEIN, ZZ
[73] ENGINEERED CORROSION SOLUTIONS, LLC, US
[85] 2011-03-15
[86] 2009-09-04 (PCT/US2009/056000)
[87] (WO2010/030567)
[30] US (12/210,555) 2008-09-15

---

[11] **2,738,956**
[13] A1
[51] **Int.Cl. A47H 13/00 (2006.01) A47H 1/18 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DEPLOYMENT OF CURTAINS**
[54] **SYSTEMES ET PROCEDES DE DEPLOIEMENT DE RIDEAUX**
[72] GRANETO, JOSEPH A., III, US
[72] PETERS, WILLIAM P., US
[73] GRANETO, JOSEPH A., III, ZZ
[73] PETERS, WILLIAM P., ZZ
[73] ICP MEDICAL, LLC, US
[86] (2738956)
[87] (2738956)
[22] 2011-05-02
[30] US (12/773,511) 2010-05-04

---

[11] **2,739,252**
[13] A1
[51] **Int.Cl. E21B 43/24 (2006.01)**
[25] EN
[54] **THERMAL MOBILIZATION OF HEAVY HYDROCARBON DEPOSITS**
[54] **METHODE DE MOBILISATION DE DEPOTS D'HYDROCARBURES LOURDS**
[72] SCHNEIDER, FRED, CA
[72] KURAN, GREG, CA
[72] TESSIER, LYNN P., CA
[73] SCHNEIDER, FRED, CA
[73] KURAN, GREG, CA
[73] TESSIER, LYNN P., CA
[73] R.I.I. NORTH AMERICA INC., CA
[86] (2739252)
[87] (2739252)
[22] 2011-05-09
[30] US (61/333,645) 2010-05-11
[30] US (61/356,416) 2010-06-18
[30] US (61/421,481) 2010-12-09

---

[11] **2,739,463**
[13] A1
[51] **Int.Cl. A61K 31/7056 (2006.01) A61P 9/10 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATMENT OF ACUTE HEART FAILURE**
[54] **PROCEDES ET COMPOSITIONS POUR LE TRAITEMENT DE L'INSUFFISANCE CARDIAQUE AIGUE**
[72] STOVER, RICHARD R., US
[73] PERICOR THERAPEUTICS, INC., US
[73] STOVER, RICHARD R., ZZ
[85] 2011-04-01
[86] 2009-10-02 (PCT/US2009/059454)
[87] (WO2010/040110)
[30] US (61/102,769) 2008-10-03

---

[11] **2,740,854**
[13] A1
[51] **Int.Cl. A61L 31/10 (2006.01) A61L 27/34 (2006.01) A61L 27/54 (2006.01) A61L 31/16 (2006.01)**
[25] EN
[54] **AN IMPLANTABLE MEDICAL DEVICE COMPRISING A SUBSTRATE, A COATING, AND A LAYER**
[54] **UN DISPOSITIF MEDICAL IMPLANTABLE COMPORTANT UN SUBSTRAT, UN REVETEMENT ET UNE COUCHE**
[72] SCHACHTER, DEBORAH, US
[72] WECHSLER, SANDRA, DE
[72] SHISSIAS, RAYMOND S., US
[72] LI, YUFU, US
[73] DEPUY INTERNATIONAL LIMITED, GB
[73] SCHACHTER, DEBORAH, ZZ
[73] WECHSLER, SANDRA, ZZ
[85] 2011-04-15
[86] 2009-10-16 (PCT/EP2009/063588)
[87] (WO2010/043710)
[30] GB (0818933.4) 2008-10-16

[11] 2,741,882
[13] A1
[51] **Int.Cl. C07B 31/00 (2006.01) B01J 19/12 (2006.01) C08C 19/00 (2006.01)**
[25] EN
[54] **APPARATUS AND PROCESS FOR THE CONTROLLED REDUCTION OF ORGANIC MATERIAL VIA MICROWAVE RADIATION**
[54] **APPAREIL ET PROCEDE DE REDUCTION CONTROLEE DE MATIERE ORGANIQUE PAR RAYONNEMENT MICRO-ONDE**
[72] SIMMS, STEPHEN P., CA
[72] KANTOR, STEVEN L., CA
[73] ENVIRONMENTAL WASTE INTERNATIONAL INC., CA
[73] SIMMS, STEPHEN P., CA
[73] KANTOR, STEVEN L., CA
[86] (2741882)
[87] (2741882)
[22] 2011-06-01

---

[11] 2,742,005
[13] A1
[51] **Int.Cl. C12N 15/11 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) C07H 21/00 (2006.01) C12N 5/10 (2006.01) C12N 15/09 (2006.01) C12N 15/54 (2006.01) C12N 15/82 (2006.01) C12P 19/34 (2006.01)**
[25] EN
[54] **TRANSGENIC BRASSICA EVENT MON 88302 AND METHODS OF USE THEREOF**
[54] **EVENEMENT TRANSGENIQUE MON 88302 DE BRASSICA ET METHODES POUR L'UTILISER**
[72] BROWN, ANDREW J., US
[72] BYRNE, JAMES F., US
[72] COLE, ROBERT H., US
[72] CROWLEY, JAMES H., US
[72] MIKLOS, JOHN A., US
[72] RIPLEY, ROBERT C., US
[72] SEIFERT-HIGGINS, SIMONE, US
[72] XIE, JIALI, US
[73] MONSANTO TECHNOLOGY LLC, US
[73] BROWN, ANDREW J., ZZ
[73] BYRNE, JAMES F., ZZ
[73] COLE, ROBERT H., ZZ
[73] CROWLEY, JAMES H., ZZ
[73] MIKLOS, JOHN A., ZZ
[73] RIPLEY, ROBERT C., ZZ
[73] SEIFERT-HIGGINS, SIMONE, ZZ
[73] XIE, JIALI, ZZ
[86] (2742005)
[87] (2742005)
[22] 2011-06-02
[30] US (61/351,317) 2010-06-04

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[11] 2,743,393
[13] A1
[51] **Int.Cl. G01P 3/488 (2006.01) G01L 3/00 (2006.01) G01L 3/10 (2006.01) F01D 25/00 (2006.01)**
[25] EN
[54] **SPEED OR TORQUE PROBE FOR GAS TURBINE ENGINES**
[54] **SONDES DE VITESSE OU DE COUPLE POUR MOTEURS A TURBINE A GAZ**
[72] BODIN, ROBERT MICHAEL GEORGE, GB
[73] WESTON AEROSPACE LIMITED, GB
[73] BODIN, ROBERT MICHAEL GEORGE, ZZ
[86] (2743393)
[87] (2743393)
[22] 2011-06-15
[30] GB (1010497.4) 2010-06-22

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[11] 2,744,942
[13] A1
[51] **Int.Cl. E21B 17/06 (2006.01)**
[25] EN
[54] **DISCONNECT AND OTHER DEVICES FOR DOWNHOLE ASSEMBLY**
[54] **DISPOSITIF DE DECONNEXION POUR ENSEMBLE D'EXTRACTION**
[72] OLLERENSHAW, ANDY, GB
[72] HUNTER, GORDON, GB
[73] INTELLIGENT DRILLING TOOLS LIMITED, GB
[73] OLLERENSHAW, ANDY, ZZ
[73] HUNTER, GORDON, ZZ
[85] 2011-05-27
[86] 2009-11-30 (PCT/GB2009/051622)
[87] (WO2010/061231)
[30] GB (0821744.0) 2008-11-28

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[11] 2,745,766
[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01) C12M 1/34 (2006.01) G01N 33/52 (2006.01)**
[25] EN
[54] **METHOD, KIT AND DEVICE FOR DETECTING NUCLEIC ACID**
[54] **PROCEDE, NECESSAIRE ET DISPOSITIF POUR DETECTER DES ACIDES NUCLEIQUES**
[72] MIYAMOTO, SHIGEHIKO, JP
[72] KATO, TOMOHISA, JP
[72] TAKAHASHI, KOJI, JP
[72] TOMONO, JUN, JP
[73] KANEKA CORPORATION, JP
[73] MIYAMOTO, SHIGEHIKO, ZZ
[73] KATO, TOMOHISA, ZZ
[73] TAKAHASHI, KOJI, ZZ
[73] TOMONO, JUN, ZZ
[85] 2011-06-03
[86] 2010-03-15 (PCT/JP2010/054350)
[87] (WO2010/106997)
[30] JP (2009-068181) 2009-03-19
[30] JP (2009-142468) 2009-06-15
[30] JP (2009-176784) 2009-07-29
[30] JP (2009-176785) 2009-07-29
[30] US (61/248,921) 2009-10-06

---

[11] 2,745,908
[13] A1
[51] **Int.Cl. B29C 33/38 (2006.01)**
[25] EN
[54] **NEGATIVE MOLD COMPRISING PREDEFINED FOAM BLOCKS FOR CASTING A COMPONENT AND METHOD FOR PRODUCING THE NEGATIVE MOLD**
[54] **MOULE NEGATIF COMPRENANT DES BLOCS DE MOUSSE PREDEFINIS POUR COULER UN COMPOSANT, ET METHODE DE PRODUCTION DUDIT MOULE**
[72] STEGE, JASON, DK
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[73] STEGE, JASON, ZZ
[86] (2745908)
[87] (2745908)
[22] 2011-07-12
[30] EP (10007254) 2010-07-14

[11] **2,746,347**
[13] A1
[51] **Int.Cl. B24B 9/04 (2006.01) A63C 3/10 (2006.01)**
[25] EN
[54] **RECIPROCATING SKATE BLADE SHARPENER**
[54] **DISPOSITIF D'AIGUISAGE DE LAME DE PATIN A GLACE A MOUVEMENT ALTERNATIF**
[72] FROMMER, THOMAS P., CA
[72] KONTOS, CHRISTOPHER THEODORE, CA
[72] MARCHAND, SHAWN, CA
[72] O'NEILL, AUSTIN, CA
[72] PLOURDE, MARC R., CA
[72] SCHATZ, KURT, CA
[73] MAGNA CLOSURES INC., CA
[73] FROMMER, THOMAS P., CA
[73] KONTOS, CHRISTOPHER THEODORE, CA
[73] MARCHAND, SHAWN, CA
[73] O'NEILL, AUSTIN, CA
[73] PLOURDE, MARC R., CA
[73] SCHATZ, KURT, CA
[85] 2011-06-09
[86] 2009-12-21 (PCT/CA2009/001890)
[87] (WO2010/069082)
[30] US (61/139,171) 2008-12-19
[30] US (61/166,367) 2009-04-03
[30] US (61/243,698) 2009-09-18

---

[11] **2,746,541**
[13] A1
[51] **Int.Cl. B29D 28/00 (2006.01) F41H 5/00 (2006.01) F41H 7/04 (2006.01)**
[25] EN
[54] **A METHOD OF TREATING A NET MADE FROM ULTRA-HIGH-MOLECULAR-WEIGHT POLYETHYLENE**
[54] **PROCEDE DE TRAITEMENT D'UN FILET FABRIQUE A L'AIDE D'UN POLYETHYLENE A POIDS MOLECULAIRE ULTRA ELEVE**
[72] ANDREWARTHA, MICHAEL IAN, GB
[72] LAWTON, STEPHEN, GB
[73] AMSAFE BRIDPORT LIMITED, GB
[73] ANDREWARTHA, MICHAEL IAN, ZZ
[73] LAWTON, STEPHEN, ZZ
[86] (2746541)
[87] (2746541)
[22] 2011-07-12
[30] GB (1103625.8) 2011-03-02

---

[11] **2,748,057**
[13] A1
[51] **Int.Cl. C07H 19/20 (2006.01) A61K 31/7076 (2006.01) A61P 31/12 (2006.01)**
[25] EN
[54] **NUCLEOSIDE PHOSPHORAMIDATES**
[54] **PHOSPHORAMIDATES DE NUCLEOSIDES**
[72] SOFIA, MICHAEL JOSEPH, US
[72] DU, JINFA, US
[72] WANG, PEIYUAN, US
[72] NAGARATHNAM, DHANAPALAN, US
[73] SOFIA, MICHAEL JOSEPH, ZZ
[73] DU, JINFA, ZZ
[73] WANG, PEIYUAN, ZZ
[73] NAGARATHNAM, DHANAPALAN, ZZ
[73] GILEAD PHARMASSET LLC, US
[85] 2011-06-21
[86] 2009-12-23 (PCT/US2009/069469)
[87] (WO2010/075549)
[30] US (61/140,423) 2008-12-23

---

[11] **2,748,347**
[13] A1
[51] **Int.Cl. G01S 13/52 (2006.01)**
[25] FR
[54] **PROCEDE POUR FILTRER LES ECHOS RADARS PRODUITS PAR DES EOLIENNES**
[54] **METHOD FOR FILTERING THE RADAR ECHOES PRODUCED BY WIND TURBINES**
[72] MORUZZIS, MICHEL, FR
[72] BEAUQUET, GILLES, FR
[72] CAMPOY, FREDERIC, FR
[73] THALES, FR
[73] MORUZZIS, MICHEL, ZZ
[73] BEAUQUET, GILLES, ZZ
[73] CAMPOY, FREDERIC, ZZ
[85] 2011-06-20
[86] 2009-12-11 (PCT/EP2009/066985)
[87] (WO2010/069886)
[30] FR (0807211) 2008-12-19

---

[11] **2,748,858**
[13] A1
[51] **Int.Cl. G02C 1/04 (2006.01) G02C 5/22 (2006.01)**
[25] EN
[54] **ELASTIC CONSTRAINT SYSTEM FOR EYEGLASSES ASSEMBLY AND EYEGLASSES OBTAINED BY SUCH SYSTEM**
[54] **SYSTEME DE CONTRAINTE ELASTIQUE POUR ENSEMBLE LUNETTES ET LUNETTES OBTENUES PAR UN TEL SYSTEME**
[72] MEDANA, GUIDO, IT
[73] MONDOTTICA INTERNATIONAL LIMITED, CN
[85] 2011-06-30
[86] 2009-12-28 (PCT/IB2009/055965)
[87] (WO2010/076758)
[30] IT (MI2008A002355) 2008-12-30

---

[11] **2,749,251**
[13] A1
[51] **Int.Cl. A61B 17/3205 (2006.01) A61N 1/05 (2006.01)**
[25] EN
[54] **LEAD EXTRACTION METHODS AND APPARATUS**
[54] **PROCEDES D'EXTRACTION DE FIL ET APPAREIL AFFERENT**
[72] OLOMUTZKI, YOAV, IL
[72] SHAFRIR, ROEY, IL
[72] KOREN, JACOB, IL
[73] LEADEX CARDIAC LTD., IL
[73] OLOMUTZKI, YOAV, ZZ
[73] SHAFRIR, ROEY, ZZ
[73] KOREN, JACOB, ZZ
[85] 2011-07-08
[86] 2010-01-13 (PCT/IB2010/000206)
[87] (WO2010/082139)
[30] US (61/144,176) 2009-01-13

[11] 2,749,839
[13] A1
[51] **Int.Cl. C12P 19/14 (2006.01) C12P 19/00 (2006.01) C08B 30/02 (2006.01)**
[25] EN
[54] **PRODUCTION OF ISOMALTOOLIGOSACCHARIDES AND USES THEREFOR**
[54] **PRODUCTION D'ISOMALTOOLIGOSACCHARIDES ET LEURS UTILISATIONS**
[72] KWON, HYUK-KON, KR
[72] JEONG, HAE-SEOK, KR
[72] LEE, JAE-HO, KR
[73] KWON, HYUK-KON, ZZ
[73] JEONG, HAE-SEOK, ZZ
[73] LEE, JAE-HO, ZZ
[73] CORN PRODUCTS DEVELOPMENT, INC., BR
[86] (2749839)
[87] (2749839)
[22] 2011-08-23
[30] US (61/376,545) 2010-08-24

---

[11] 2,750,547
[13] A1
[51] **Int.Cl. C12P 19/34 (2006.01)**
[25] EN
[54] **METHODS FOR ENRICHMENT OF SELECTED RNA MOLECULES**
[54] **METHODES D'ENRICHISSEMENT DE MOLECULES D'ARN SELECTIONNEES**
[72] RASHTCHIAN, AYOUB, US
[73] RASHTCHIAN, AYOUB, ZZ
[73] QIAGEN BEVERLY, INC., US
[85] 2011-07-22
[86] 2010-01-22 (PCT/US2010/021897)
[87] (WO2010/085715)
[30] US (61/146,647) 2009-01-22

---

[11] 2,751,185
[13] A1
[51] **Int.Cl. A61B 17/34 (2006.01) A61M 1/36 (2006.01)**
[25] EN
[54] **VASCULAR ACCESS PORTS AND RELATED METHODS**
[54] **ORIFICES D'ACCES VASCULAIRES ET PROCEDES APPARENTES**
[72] YOUNG, NATHANIEL P., US
[72] SMITH, G. DOUG, US
[72] CRAWFORD, MARK A., US
[72] JONES, RANDALL K., US
[73] VITAL ACCESS CORPORATION, US
[73] YOUNG, NATHANIEL P., ZZ
[73] SMITH, G. DOUG, ZZ
[73] CRAWFORD, MARK A., ZZ
[73] JONES, RANDALL K., ZZ
[85] 2011-07-28
[86] 2010-01-29 (PCT/US2010/022607)
[87] (WO2010/088532)
[30] US (61/148,372) 2009-01-29
[30] US (61/229,023) 2009-07-28

---

[11] 2,751,576
[13] A1
[51] **Int.Cl. A61K 31/202 (2006.01) A61P 3/06 (2006.01)**
[25] EN
[54] **USE OF EICOSAPENTAENOIC ACID TO TREAT HYPERTRIGLYCERIDEMIA**
[54] **UTILISATION D'ACIDE ICOSAPENTANOIQUE POUR LE TRAITEMENT DE L'HYPERTRIGLYCERIDEMIE**
[72] MANKU, MEHAR, US
[72] OSTERLOH, IAN, US
[72] WICKER, PIERRE, US
[72] BRAECKMAN, RENE, US
[72] SONI, PARESH, US
[73] MANKU, MEHAR, ZZ
[73] OSTERLOH, IAN, ZZ
[73] WICKER, PIERRE, ZZ
[73] BRAECKMAN, RENE, ZZ
[73] SONI, PARESH, ZZ
[73] AMARIN PHARMACEUTICALS IRELAND LIMITED, IE
[85] 2011-08-04
[86] 2010-02-09 (PCT/US2010/023638)
[87] (WO2010/093634)
[30] US (61/151,291) 2009-02-10
[30] US (61/173,755) 2009-04-29

---

[11] 2,752,359
[13] A1
[51] **Int.Cl. G06F 21/71 (2013.01) G06F 21/86 (2013.01) G07F 7/08 (2006.01)**
[25] EN
[54] **DEVICE FOR PROTECTING AN ELECTRONIC PRINTED CIRCUIT BOARD**
[54] **DISPOSITIF PERMETTANT LA PROTECTION D'UNE CARTE DE CIRCUITS IMPRIMES ELECTRONIQUE**
[72] ROSSI, LAURENT, FR
[72] SCHANG, BERNARD, FR
[73] ROSSI, LAURENT, ZZ
[73] SCHANG, BERNARD, ZZ
[73] INGENICO GROUP, FR
[86] (2752359)
[87] (2752359)
[22] 2011-09-15
[30] FR (1057381) 2010-09-15

---

[11] 2,752,409
[13] A1
[51] **Int.Cl. C07C 5/48 (2006.01) B01J 23/16 (2006.01) B01J 37/03 (2006.01)**
[25] EN
[54] **MEMBRANE-SUPPORTED CATALYSTS AND THE PROCESS OF OXIDATIVE DEHYDROGENATION OF ETHANE USING THE SAME**
[54] **CATALYSEURS A MEMBRANE ET PROCESSUS DE DESHYDROGENATION OXYDATIVE D'ETHANE A L'AIDE DES CATALYSEURS**
[72] KUSTOV, LEONID MODESTOVICH, RU
[72] KUCHEROV, ALEKSEY VICTOROVICH, RU
[72] FINASHINA, ELENA DMITRIEVNA, RU
[72] SIMANZHENKOV, VASILY, CA
[72] KRZYWICKI, ANDRZEJ, CA
[73] NOVA CHEMICALS CORPORATION, CA
[73] KUSTOV, LEONID MODESTOVICH, ZZ
[73] KUCHEROV, ALEKSEY VICTOROVICH, ZZ
[73] FINASHINA, ELENA DMITRIEVNA, ZZ
[73] SIMANZHENKOV, VASILY, CA
[73] KRZYWICKI, ANDRZEJ, CA
[86] (2752409)
[87] (2752409)
[22] 2011-09-19

[11] **2,754,880**
[13] A1
[51] **Int.Cl. H01L 21/02 (2006.01)**
[25] EN
[54] **METHODS AND APPARATI FOR MAKING THIN SEMICONDUCTOR BODIES FROM MOLTEN MATERIAL**
[54] **PROCEDES ET APPAREILS POUR FABRIQUER DES CORPS SEMI-CONDUCTEURS MINCES A PARTIR D'UN MATERIAU FONDU**
[72] SACHS, EMANUEL M., US
[72] WALLACE, RICHARD L., US
[72] HANTSOO, EERIK T., US
[72] LORENZ, ADAM M., US
[72] HUDELSON, G. D. STEPHEN, US
[72] JONCZYK, RALF, US
[73] 1366 TECHNOLOGIES INC., US
[73] SACHS, EMANUEL M., ZZ
[73] WALLACE, RICHARD L., ZZ
[73] HANTSOO, EERIK T., ZZ
[73] LORENZ, ADAM M., ZZ
[73] HUDELSON, G. D. STEPHEN, ZZ
[73] JONCZYK, RALF, ZZ
[85] 2011-09-08
[86] 2010-03-09 (PCT/US2010/026639)
[87] (WO2010/104838)
[30] US (61/209,582) 2009-03-09
[30] US (61/224,730) 2009-07-10
[30] US (61/237,965) 2009-08-28

---

[11] **2,757,732**
[13] A1
[51] **Int.Cl. F23Q 13/04 (2006.01) A47J 37/07 (2006.01)**
[25] EN
[54] **FIRE IGNITION SYSTEM**
[54] **SYSTEME D'ALLUMAGE**
[72] WARES, DAVID, US
[73] THE KINGSFORD PRODUCTS COMPANY, LLC, US
[73] WARES, DAVID, ZZ
[86] (2757732)
[87] (2757732)
[22] 2011-11-10
[30] US (61/411,922) 2010-11-10

---

[11] **2,757,748**
[13] A1
[51] **Int.Cl. B65D 43/02 (2006.01) B65D 1/12 (2006.01) B65D 1/20 (2006.01) B65D 25/14 (2006.01) B65D 25/38 (2006.01) B65D 83/76 (2006.01) B67C 3/30 (2006.01) B67D 1/08 (2006.01)**
[25] EN
[54] **PLASTIC BEER KEG**
[54] **FUT DE BIERE EN PLASTIQUE**
[72] APPS, WILLIAM P., US
[72] HANSEN, WAYNE MATTHEW, US
[73] REHRIG PACIFIC COMPANY, US
[73] APPS, WILLIAM P., ZZ
[73] HANSEN, WAYNE MATTHEW, ZZ
[86] (2757748)
[87] (2757748)
[22] 2011-11-09
[30] US (61/411,787) 2010-11-09

---

[11] **2,758,661**
[13] A1
[51] **Int.Cl. C10M 171/02 (2006.01) C10M 159/00 (2006.01)**
[25] EN
[54] **LUBRICATING OIL COMPOSITION FOR LUBRICATING AUTOMOTIVE ENGINES**
[54] **COMPOSITION D'HUILE LUBRIFIANTE POUR LUBRIFIER DES MOTEURS DE VEHICULES AUTOMOBILES**
[72] ANDOH, HIROKI, JP
[72] NAKAZATO, MORIKUNI, JP
[73] CHEVRON JAPAN LTD., JP
[73] ANDOH, HIROKI, ZZ
[73] NAKAZATO, MORIKUNI, ZZ
[86] (2758661)
[87] (2758661)
[22] 2011-11-18
[30] JP (2010-265479) 2010-11-29
[30] US (13/294,910) 2011-11-11

---

[11] **2,759,190**
[13] A1
[51] **Int.Cl. C07D 417/04 (2006.01) A01N 41/00 (2006.01) A01N 43/00 (2006.01) A01N 43/78 (2006.01)**
[25] EN
[54] **PYRIDYL-THIAZOLYL DERIVATIVES**
[54] **DERIVES DE PYDIDYL-THIAZOLYL**
[72] TRULLINGER, TONY K., US
[72] HUNTER, RICKY, US
[72] GARIZI, NEGAR, US
[72] YAP, MAURICE C. H., US
[72] BUYSSE, ANN M., US
[72] PERNICH, DAN, US
[72] JOHNSON, TIMOTHY C., US
[72] BRYAN, KRISTY, US
[72] DEAMICIS, CARL, US
[72] ZHANG, YU, US
[72] NIYAZ, NOORMOHAMED M., US
[72] MCLEOD, CASANDRA L., US
[72] ROSS, RONALD, JR., US
[72] ZHU, YUANMING, US
[72] JOHNSON, PETER L., US
[72] ECKELBARGER, JOSEPH D., US
[72] PARKER, MARSHALL H., US
[73] DOW AGROSCIENCES LLC, US
[73] TRULLINGER, TONY K., ZZ
[73] HUNTER, RICKY, ZZ
[73] GARIZI, NEGAR, ZZ
[73] YAP, MAURICE C. H., ZZ
[73] BUYSSE, ANN M., ZZ
[73] PERNICH, DAN, ZZ
[73] JOHNSON, TIMOTHY C., ZZ
[73] BRYAN, KRISTY, ZZ
[73] DEAMICIS, CARL, ZZ
[73] ZHANG, YU, ZZ
[73] NIYAZ, NOORMOHAMED M., ZZ
[73] MCLEOD, CASANDRA L., ZZ
[73] ROSS, RONALD, JR., ZZ
[73] ZHU, YUANMING, ZZ
[73] JOHNSON, PETER L., ZZ
[73] ECKELBARGER, JOSEPH D., ZZ
[73] PARKER, MARSHALL H., ZZ
[85] 2011-10-19
[86] 2010-05-04 (PCT/US2010/033467)
[87] (WO2010/129497)
[30] US (61/175,659) 2009-05-05

[11] **2,760,019**
[13] A1
[51] **Int.Cl. H02K 5/04 (2006.01) H02K 11/30 (2016.01)**
[25] EN
[54] **CONTROL BOX FOR AN ELECTRIC MOTOR**
[54] **BOITE DE COMMANDE DESTINEE A UN MOTEUR ELECTRIQUE**
[72] TANG, SONGFA, CN
[72] ZHAO, YONG, CN
[73] TANG, SONGFA, ZZ
[73] ZHAO, YONG, ZZ
[73] ZHONGSHAN BROAD-OCEAN MOTOR MANUFACTURING CO., LTD., CN
[85] 2011-10-17
[86] 2010-01-26 (PCT/CN2010/070357)
[87] (WO2010/118649)
[30] CN (200920055048.7) 2009-04-16

---

[11] **2,760,086**
[13] A1
[51] **Int.Cl. F02K 1/68 (2006.01) F02K 1/72 (2006.01) F02K 1/76 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR OPERATING A THRUST REVERSER FOR A TURBOFAN PROPULSION SYSTEM**
[54] **SYSTEME ET PROCEDE D'EXPLOITATION D'UN INVERSEUR DE POUSSEE POUR SYSTEME DE PROPULSION PAR TURBOREACTEUR DOUBLE FLUX**
[72] KOPECEK, JOSEPH THOMAS, US
[72] WALKER, PETER WILLIAM, US
[73] KOPECEK, JOSEPH THOMAS, ZZ
[73] WALKER, PETER WILLIAM, ZZ
[73] WOODWARD HRT, INC., US
[86] (2760086)
[87] (2760086)
[22] 2011-12-01
[30] US (12/969,258) 2010-12-15

---

[11] **2,761,167**
[13] A1
[51] **Int.Cl. E21B 10/30 (2006.01)**
[25] EN
[54] **SLIDE REAMER AND STABILIZER TOOL**
[54] **ALESOIR COULISSANT ET OUTIL DE STABILISATION**
[72] HARVEY, MICHAEL JAMES, CA
[72] VACAR, JOHN, CA
[72] RAJIC, MILAN, CA
[73] HARVEY, MICHAEL JAMES, CA
[73] DYNOMAX DRILLING TOOLS INC., CA
[73] VACAR, JOHN, CA
[73] RAJIC, MILAN, CA
[85] 2011-11-04
[86] 2010-05-05 (PCT/CA2010/000697)
[87] (WO2010/127450)
[30] CA (2,665,260) 2009-05-06

---

[11] **2,762,852**
[13] A1
[51] **Int.Cl. B01D 9/00 (2006.01) C02F 1/52 (2006.01)**
[25] EN
[54] **FLUID TREATMENT REACTOR**
[54] **REACTEUR DE TRAITEMENT DE FLUIDE**
[72] O'LEARY, KEVIN PATRICK, US
[73] NALCO COMPANY, US
[73] O'LEARY, KEVIN PATRICK, ZZ
[85] 2011-11-18
[86] 2010-06-24 (PCT/US2010/039751)
[87] (WO2011/008454)
[30] US (12/493,848) 2009-06-29

---

[11] **2,764,544**
[13] A1
[51] **Int.Cl. G01N 35/10 (2006.01) G01F 11/02 (2006.01) G01N 1/28 (2006.01) G01N 35/00 (2006.01)**
[25] EN
[54] **FLUID DISPENSING SYSTEM**
[54] **SYSTEME DE DISTRIBUTION DE LIQUIDE**
[72] EVANS, ROBERT E., US
[72] MUELLER, WOLFGANG, US
[72] FUJIMAKI, TOSHIYUKI, JP
[72] TOKUDAIJI, SHINJI, JP
[72] MIZUSAWA, YOSHITADA, JP
[72] OKABE, YOSHITAKE, JP
[73] SAKURA FINETEK U.S.A., INC., US
[73] EVANS, ROBERT E., ZZ
[73] MUELLER, WOLFGANG, ZZ
[73] FUJIMAKI, TOSHIYUKI, ZZ
[73] TOKUDAIJI, SHINJI, ZZ
[73] MIZUSAWA, YOSHITADA, ZZ
[73] OKABE, YOSHITAKE, ZZ
[86] (2764544)
[87] (2764544)
[22] 2012-01-18
[30] US (13/018,609) 2011-02-01

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[11] **2,764,665**
[13] A1
[51] **Int.Cl. A61K 31/137 (2006.01) A61K 31/223 (2006.01) A61K 31/4965 (2006.01) A61K 31/5375 (2006.01) A61P 25/00 (2006.01) A61P 25/30 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR TREATING DRUG ADDICTION AND IMPROVING ADDICTION-RELATED BEHAVIOR**
[54] **COMPOSITIONS DE TRAITEMENT DE LA DEPENDANCE AUX DROGUES ET D'AMELIORATION DU COMPORTEMENT LIE AUX DEPENDANCES**
[72] LEE, SUNG JAMES, US
[72] MELNICK, SUSAN MARIE, US
[73] SK BIOPHARMACEUTICALS CO., LTD., KR
[73] LEE, SUNG JAMES, ZZ
[73] MELNICK, SUSAN MARIE, ZZ
[85] 2011-12-06
[86] 2010-06-10 (PCT/KR2010/003742)
[87] (WO2010/150995)
[30] US (12/492,566) 2009-06-26

[11] **2,765,019**
[13] A1
[51] **Int.Cl. B27K 3/34 (2006.01) B27N 3/18 (2006.01) C08J 5/16 (2006.01) C09K 3/00 (2006.01)**
[25] EN
[54] **RELEASE COMPOSITIONS FOR LIGNOCELLULOSIC COMPOSITES**
[54] **COMPOSITIONS DE LIBERATION POUR LES COMPOSITES LIGNOCELLULOSIQUES**
[72] GRIGSBY, ROBERT A., JR., US
[72] MORIARTY, CHRISTOPHER J., US
[72] SINGH, SACHCHIDA NAND, US
[72] SMITH, GEORGE A., US
[73] HUNTSMAN INTERNATIONAL LLC, US
[73] GRIGSBY, ROBERT A., JR., ZZ
[73] MORIARTY, CHRISTOPHER J., ZZ
[73] SINGH, SACHCHIDA NAND, ZZ
[73] SMITH, GEORGE A., ZZ
[85] 2011-12-08
[86] 2010-06-15 (PCT/US2010/038603)
[87] (WO2010/147936)
[30] US (61/187,379) 2009-06-16

[11] **2,765,496**
[13] A1
[51] **Int.Cl. C02F 1/42 (2006.01) B28B 1/00 (2006.01)**
[25] EN
[54] **ENVIRONMENTALLY-FRIENDLY CEMENTITIOUS ARTICLES, FORMULATIONS, METHODS OF MAKING AND USES**
[54] **ARTICLES EN CIMENT ECOLOGIQUES, FORMULATIONS, PROCEDES DE FABRICATION ET UTILISATIONS**
[72] JOECKEN, JOHN ANDREW, US
[72] KRAMER, PAUL OWEN, US
[72] LUO, CAIDIAN, US
[72] MAO, LIJUN, US
[72] SULLIVAN, RYAN MATTHEW, US
[72] SUPUT, MARKO, US
[72] ZHANG, HUAGANG, US
[73] JAMES HARDIE TECHNOLOGY LIMITED, IE
[73] JOECKEN, JOHN ANDREW, ZZ
[73] KRAMER, PAUL OWEN, ZZ
[73] LUO, CAIDIAN, ZZ
[73] MAO, LIJUN, ZZ
[73] SULLIVAN, RYAN MATTHEW, ZZ
[73] SUPUT, MARKO, ZZ
[73] ZHANG, HUAGANG, ZZ
[85] 2011-12-14
[86] 2010-06-14 (PCT/US2010/038524)
[87] (WO2010/151450)
[30] US (61/220,934) 2009-06-26

[11] **2,766,689**
[13] A1
[51] **Int.Cl. H04W 48/18 (2009.01)**
[25] EN
[54] **HANDLING OF ACCESS CAPABILITY INFORMATION IN A MOBILE NETWORK**
[54] **TRAITEMENT D'INFORMATIONS DE CAPACITE D'ACCES DANS UN RESEAU MOBILE**
[72] KELLER, RALF, DE
[72] HEDMAN, PETER, SE
[72] OLSSON, MAGNUS, SE
[72] LINDHOLM, FREDRIK, SE
[73] KELLER, RALF, ZZ
[73] HEDMAN, PETER, ZZ
[73] OLSSON, MAGNUS, ZZ
[73] LINDHOLM, FREDRIK, ZZ
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2011-12-23
[86] 2010-06-08 (PCT/EP2010/058029)
[87] (WO2011/000672)
[30] US (61/221,732) 2009-06-30

[11] **2,767,654**
[13] A1
[51] **Int.Cl. A61B 3/028 (2006.01) A61B 5/103 (2006.01) A61B 5/11 (2006.01) A63B 69/00 (2006.01)**
[25] EN
[54] **VISUALIZATION TESTING AND/OR TRAINING**
[54] **ESSAIS ET/OU ENTRAINEMENT A LA VISUALISATION**
[72] REICHOW, ALAN W., US
[72] YOO, HERB, US
[73] REICHOW, ALAN W., ZZ
[73] YOO, HERB, ZZ
[73] NIKE INNOVATE C.V., US
[85] 2012-01-09
[86] 2010-07-09 (PCT/US2010/041564)
[87] (WO2011/006090)
[30] US (12/500,385) 2009-07-09

[11] **2,768,317**
[13] A1
[51] **Int.Cl. G02C 13/00 (2006.01) A61B 5/11 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DETERMINING THE HABITUAL HEAD POSTURE**
[54] **PROCEDE ET DISPOSITIF DE DETERMINATION DU PORT DE TETE HABITUEL**
[72] KUBITZA, MATTHIAS, DE
[72] GAMPERLING, MICHAEL, DE
[72] CABEZA-GUILLEN, JESUS MIGUEL, DE
[73] CARL ZEISS VISION GMBH, DE
[73] KUBITZA, MATTHIAS, ZZ
[73] GAMPERLING, MICHAEL, ZZ
[73] CABEZA-GUILLEN, JESUS MIGUEL, ZZ
[85] 2012-01-16
[86] 2010-05-08 (PCT/EP2010/002821)
[87] (WO2010/145736)
[30] DE (10 2009 025 215.0) 2009-06-17

[11] **2,768,436**
[13] A1
[51] **Int.Cl. G01P 21/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM OF A SENSOR INTERFACE HAVING DYNAMIC AUTOMATIC GAIN CONTROL DEPENDENT ON SPEED**
[54] **PROCEDE ET SYSTEME D'INTERFACE DE CAPTEUR MUNIE D'UNE COMMANDE DYNAMIQUE DE GAIN AUTOMATIQUE TRIBUTAIRE DE LA VITESSE**
[72] ROYLANCE, JAMES MERRILL, US
[72] ABAWI, DANIEL ZAHI, US
[72] DEB, BIPLAB, IN
[73] GENERAL ELECTRIC COMPANY, US
[73] ROYLANCE, JAMES MERRILL, ZZ
[73] ABAWI, DANIEL ZAHI, ZZ
[73] DEB, BIPLAB, ZZ
[86] (2768436)
[87] (2768436)
[22] 2012-02-16
[30] US (13/033,234) 2011-02-23

[11] **2,770,923**
[13] A1
[51] **Int.Cl. E01B 35/00 (2006.01) E01B 27/02 (2006.01) E01B 37/00 (2006.01) G01B 21/20 (2006.01) G01S 17/88 (2006.01)**
[25] EN
[54] **BALLAST DELIVERY AND COMPUTATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE POSE DU BALLAST ET DE CALCUL DES QUANTITES REQUISES**
[72] TURNER, H. LYNN, US
[72] SHELL, WILLIAM C., US
[72] VANVOORST, BRIAN ROGER, US
[72] ROZACKY, DAVID, US
[72] MARTINEZ, CARLOS, US
[72] AARON, CHARLES W., US
[72] SHACKLETON, JOHN JOSEPH, JR., US
[72] HOWARD, JOEL SCOTT, US
[73] GEORGETOWN RAIL EQUIPMENT COMPANY, US
[73] TURNER, H. LYNN, ZZ
[73] SHELL, WILLIAM C., ZZ
[73] VANVOORST, BRIAN ROGER, ZZ
[73] ROZACKY, DAVID, ZZ
[73] MARTINEZ, CARLOS, ZZ
[73] AARON, CHARLES W., ZZ
[73] SHACKLETON, JOHN JOSEPH, JR., ZZ
[73] HOWARD, JOEL SCOTT, ZZ
[86] (2770923)
[87] (2770923)
[22] 2012-03-05
[30] US (61/449,482) 2011-03-04
[30] US (61/450,777) 2011-03-09

---

[11] **2,770,997**
[13] A1
[51] **Int.Cl. C09D 11/00 (2014.01) B82Y 30/00 (2011.01) C09D 11/52 (2014.01) C09C 1/44 (2006.01)**
[25] EN
[54] **SOLVENT-BASED AND WATER-BASED CARBON NANOTUBE INKS WITH REMOVABLE ADDITIVES**
[54] **ENCRES DE NANOTUBES DE CARBONE A BASE DE SOLVANT ET A BASE D'EAU COMPRENANT DES ADDITIFS POUVANT ETRE ELIMINES**
[72] SIVARAJAN, RAMESH, US
[72] RICHTER, HENNING, US
[72] VEJINS, VIKTOR, US
[73] SIVARAJAN, RAMESH, ZZ
[73] RICHTER, HENNING, ZZ
[73] VEJINS, VIKTOR, ZZ
[73] NANO-C, INC., US
[85] 2012-02-14
[86] 2010-08-12 (PCT/US2010/045391)
[87] (WO2011/019970)
[30] US (61/234,203) 2009-08-14

---

[11] **2,771,636**
[13] A1
[51] **Int.Cl. B01D 46/32 (2006.01) B01J 8/08 (2006.01) C01B 3/50 (2006.01) C02F 1/00 (2006.01)**
[25] EN
[54] **CATALYTIC MOVING BED FILTER**
[54] **FILTRE A LIT CATALYTIQUE MOBILE**
[72] DAUGAARD, DAREN E., US
[72] JONES, SAMUEL T., US
[73] DAUGAARD, DAREN E., ZZ
[73] JONES, SAMUEL T., ZZ
[73] IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC., US
[73] PHILLIPS 66 COMPANY, US
[85] 2012-02-17
[86] 2010-10-28 (PCT/US2010/054488)
[87] (WO2011/053704)
[30] US (61/255,522) 2009-10-28

---

[11] **2,773,305**
[13] A1
[51] **Int.Cl. C07D 279/20 (2006.01) A61K 31/5415 (2006.01) A61P 25/28 (2006.01) A61P 31/12 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **CRYSTALLINE METHYLTHIONINIUM CHLORIDE HYDRATES**
[54] **CHLORHYDRATES DE METHYLTHIONINIUM CRISTALLINS**
[72] HILFIKER, ROLF, CH
[72] RAGER, TIMO, CH
[73] WISTA LABORATORIES LTD., SG
[73] HILFIKER, ROLF, ZZ
[73] RAGER, TIMO, ZZ
[85] 2012-03-06
[86] 2010-09-23 (PCT/IB2010/002526)
[87] (WO2011/036558)
[30] US (61/245,391) 2009-09-24

---

[11] **2,774,318**
[13] A1
[51] **Int.Cl. C09K 8/584 (2006.01) B01F 17/00 (2006.01)**
[25] EN
[54] **PROCESS FOR TERTIARY MINERAL OIL PRODUCTION USING SURFACTANT MIXTURES**
[54] **PROCEDE D'EXTRACTION DE PETROLE TERTIAIRE AU MOYEN DE MELANGES DE TENSIOACTIFS**
[72] BITTNER, CHRISTIAN, DE
[72] OETTER, GUENTER, DE
[72] TINSLEY, JACK, DE
[72] SPINDLER, CHRISTIAN, DE
[72] ALVAREZ JUERGENSON GABRIELA, DE
[72] VOGEL, SOPHIE, DE
[73] BASF SE, DE
[73] BITTNER, CHRISTIAN, ZZ
[73] OETTER, GUENTER, ZZ
[73] TINSLEY, JACK, ZZ
[73] SPINDLER, CHRISTIAN, ZZ
[73] ALVAREZ JUERGENSON GABRIELA, ZZ
[73] VOGEL, SOPHIE, ZZ
[85] 2012-03-15
[86] 2010-10-11 (PCT/EP2010/065154)
[87] (WO2011/045254)
[30] EP (09173027.5) 2009-10-14

[11] **2,774,331**
[13] A1
[51] **Int.Cl. C08L 95/00 (2006.01) C08L 5/00 (2006.01) C08L 91/00 (2006.01) C08L 101/00 (2006.01) E01C 7/18 (2006.01) E01C 7/24 (2006.01) E01C 7/35 (2006.01)**
[25] EN
[54] **STORAGE STABLE EMULSIONS FROM LOW PENETRATION GRADE BITUMINOUS BINDERS**
[54] **EMULSIONS STABLES AU STOCKAGE PRODUITS A PARTIR DE LIANTS BITUMINEUX A FAIBLE DEGRE DE PENETRATION**
[72] LOMMERTS, BERT JAN, NL
[72] CONTIUGA, IRINA MANUELA, NL
[72] PASSIES, HARRIET, NL
[73] LATEXFALT B.V., NL
[73] LOMMERTS, BERT JAN, ZZ
[73] CONTIUGA, IRINA MANUELA, ZZ
[73] PASSIES, HARRIET, ZZ
[85] 2012-03-15
[86] 2010-09-16 (PCT/NL2010/050599)
[87] (WO2011/034425)
[30] EP (09170585.5) 2009-09-17
[30] US (61/243,302) 2009-09-17

---

[11] **2,774,698**
[13] A1
[51] **Int.Cl. E21B 19/00 (2006.01) E21B 23/00 (2006.01)**
[25] EN
[54] **PROPULSION GENERATOR AND METHOD**
[54] **GENERATEUR DE PROPULSION ET METHODE**
[72] GREGORY, MARVIN A., US
[72] KLETZEL, ROBERT J., CA
[73] COIL SOLUTIONS, INC., CA
[73] GREGORY, MARVIN A., ZZ
[73] KLETZEL, ROBERT J., CA
[86] (2774698)
[87] (2774698)
[22] 2012-04-16
[30] US (61/540,821) 2011-09-29
[30] US (13/335,898) 2011-12-22

---

[11] **2,777,611**
[13] A1
[51] **Int.Cl. H04L 12/16 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CREATING A CONNECTED MARKET USING SOCIAL MEDIA INTERACTION UNITS AND INTERACTIVE PROCESS GADGETS**
[54] **SYSTEME ET METHODE POUR CREER UN MARCHE BRANCHE A L'AIDE D'ELEMENTS D'INTERACTION DES MEDIAS SOCIAUX ET DE GADGETS DE TRAITEMENT INTERACTIFS**
[72] VASKO, TIMOTHY S., CA
[73] VASKO, TIMOTHY S., CA
[86] (2777611)
[87] (2777611)
[22] 2012-05-17
[30] US (61487195) 2011-05-17

---

[11] **2,778,117**
[13] A1
[51] **Int.Cl. A61B 10/02 (2006.01)**
[25] EN
[54] **BIOPSY PROBE MECHANISM HAVING MULTIPLE ECHOGENIC FEATURES**
[54] **MECANISME DE SONDE DE BIOPSIE POSSEDANT DES CARACTERISTIQUES ECHOGENES MULTIPLES**
[72] SEIGER, JASON G., US
[72] SMITH, JENNIFER, US
[72] CHUDZIK, RAFAL, US
[72] SIMPSON, CHARLES, US
[73] C.R. BARD, INC., US
[73] SEIGER, JASON G., ZZ
[73] SMITH, JENNIFER, ZZ
[73] CHUDZIK, RAFAL, ZZ
[73] SIMPSON, CHARLES, ZZ
[85] 2012-04-17
[86] 2010-12-15 (PCT/US2010/060482)
[87] (WO2011/087691)
[30] US (12/645,567) 2009-12-23

---

[11] **2,778,303**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR OBTAINING DOCUMENT INFORMATION**
[54] **SYSTEME ET PROCEDE POUR OBTENIR DES INFORMATIONS DE DOCUMENT**
[72] URBSCHAT, HARRY, DE
[72] MEIER, RALPH, DE
[72] WANSCHURA, THORSTEN, DE
[72] HAUSMANN, JOHANNES, FR
[73] URBSCHAT, HARRY, ZZ
[73] MEIER, RALPH, ZZ
[73] WANSCHURA, THORSTEN, ZZ
[73] HAUSMANN, JOHANNES, ZZ
[73] KOFAX INTERNATIONAL SWITZERLAND SARL, CH
[85] 2012-04-18
[86] 2010-10-29 (PCT/IB2010/003251)
[87] (WO2011/051816)
[30] US (12/610,937) 2009-11-02

---

[11] **2,778,365**
[13] A1
[51] **Int.Cl. F17C 1/00 (2006.01)**
[25] EN
[54] **METHOD OF HANDLING A BOIL OFF GAS STREAM AND AN APPARATUS THEREFOR**
[54] **PROCEDE DE GESTION DE COURANT DE GAZ D'EVAPORATION ET APPAREIL ASSOCIE**
[72] PAULUS, PETER MARIE, NL
[72] VINK, KORNELIS JAN, MY
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[73] PAULUS, PETER MARIE, ZZ
[73] VINK, KORNELIS JAN, ZZ
[85] 2012-04-19
[86] 2010-11-16 (PCT/EP2010/067538)
[87] (WO2011/061169)
[30] EP (09176356.5) 2009-11-18

[11] **2,779,231**
[13] A1
[51] **Int.Cl. H04W 88/16 (2009.01) H04W 64/00 (2009.01)**
[25] EN
[54] **OPTIMIZING A SERVING GATEWAY LOCATION IN A HOME EVOLVED NODE B WITH LOCAL IP ACCESS**
[54] **OPTIMISATION DE LA POSITION D'UNE PASSERELLE DE SERVICE DANS UN NOEUD B DOMESTIQUE EVOLUE AVEC ACCES IP LOCAL**
[72] STOJANOVSKI, SASO, FR
[72] BARNOWSKI, BARNABA, CA
[72] OSBORNE, GREGORY, CA
[72] PARSONS, ERIC, CA
[73] STOJANOVSKI, SASO, ZZ
[73] BARNOWSKI, BARNABA, CA
[73] OSBORNE, GREGORY, CA
[73] PARSONS, ERIC, CA
[73] APPLE INC., US
[85] 2011-10-27
[86] 2010-05-04 (PCT/CA2010/000678)
[87] (WO2010/127441)
[30] US (61/175,169) 2009-05-04

---

[11] **2,779,573**
[13] A1
[51] **Int.Cl. H01S 3/067 (2006.01) G02B 6/036 (2006.01) H01S 3/0941 (2006.01) H01S 3/23 (2006.01)**
[25] EN
[54] **OPTICAL SOURCE IMPLEMENTING A DOPED FIBER, FIBER FOR SUCH AN OPTICAL SOURCE AND METHOD FOR MANUFACTURING SUCH A FIBER**
[54] **SOURCE OPTIQUE METTANT EN PLACE UNE FIBRE DOPEE, FIBRE DESTINEE A UNE TELLE SOURCE OPTIQUE ET METHODE DE FABRICATION D'UNE TELLE FIBRE**
[72] TRAYNOR, NICHOLAS, FR
[72] BOULLET, JOHAN, FR
[72] CORMIER, ERIC, FR
[72] BELLO DOUA, RAMATOU, FR
[73] ALPHANOV CENTRE TECHNOLOGIQUE OPTIQUE ET LASERS, FR
[73] TRAYNOR, NICHOLAS, ZZ
[73] BOULLET, JOHAN, ZZ
[73] CORMIER, ERIC, ZZ
[73] BELLO DOUA, RAMATOU, ZZ
[73] UNIVERSITE BORDEAUX 1, FR
[85] 2012-04-30
[86] 2010-11-03 (PCT/FR2010/052354)
[87] (WO2011/055074)
[30] FR (0905271) 2009-11-03

---

[11] **2,780,280**
[13] A1
[51] **Int.Cl. F16L 55/28 (2006.01) F16L 55/40 (2006.01)**
[25] EN
[54] **IMPROVED INSTRUMENTED FOAM PIG**
[54] **RACLEUR MOUSSE INSTRUMENTE AMELIORE**
[72] HILL, RENNIE, GB
[72] THOMPSON, DAVID, GB
[72] WARD, PETER, GB
[73] PIPELINE INNOVATIONS LIMITED, GB
[73] HILL, RENNIE, ZZ
[73] THOMPSON, DAVID, ZZ
[73] WARD, PETER, ZZ
[85] 2012-05-08
[86] 2010-11-30 (PCT/GB2010/051988)
[87] (WO2011/064603)
[30] GB (0920900.8) 2009-11-30

---

[11] **2,780,880**
[13] A1
[51] **Int.Cl. G16H 40/20 (2018.01) G16H 10/60 (2018.01) G16H 40/63 (2018.01)**
[25] EN
[54] **REAL-TIME METHOD AND SYSTEM FOR CONTROLLING HEALTHCARE DELIVERY PROCESSES WITHIN A CLINICAL ENVIRONMENT**
[54] **PROCEDE ET SYSTEME EN TEMPS REEL POUR COMMANDER DES PROCEDES DE DISTRIBUTION DE SOINS DE SANTE DANS UN ENVIRONNEMENT CLINIQUE**
[72] TENARVITZ, HENRY J., US
[72] SNOWDAY, H.T., US
[72] TABBERER, SETH, US
[73] VERSUS TECHNOLOGY, INC., US
[73] TENARVITZ, HENRY J., ZZ
[73] SNOWDAY, H.T., ZZ
[73] TABBERER, SETH, ZZ
[85] 2012-05-14
[86] 2010-05-14 (PCT/US2010/034849)
[87] (WO2011/062656)
[30] US (12/622,959) 2009-11-20

---

[11] **2,781,166**
[13] A1
[51] **Int.Cl. G01N 33/531 (2006.01) G01N 33/543 (2006.01)**
[25] EN
[54] **HOMOGENEOUS MEASUREMENT METHOD AND MEASURING REAGENT**
[54] **PROCEDE DE MESURE HOMOGENE ET REACTIF DE MESURE**
[72] TAKAHASHI, HIROSHI, JP
[72] TAKAHASHI, YUKI, JP
[72] KANEKO, CHIE, JP
[73] SEKISUI MEDICAL CO., LTD., JP
[73] TAKAHASHI, HIROSHI, ZZ
[73] TAKAHASHI, YUKI, ZZ
[73] KANEKO, CHIE, ZZ
[85] 2012-05-17
[86] 2010-11-30 (PCT/JP2010/071402)
[87] (WO2011/065573)
[30] JP (2009-272437) 2009-11-30

[11] **2,781,729**
[13] A1
[51] **Int.Cl. B28B 19/00 (2006.01) B28B 21/72 (2006.01) F16L 9/08 (2006.01)**
[25] EN
[54] **METHOD AND MOULD FOR PRODUCING CONCRETE PIPES HAVING A PLASTIC INNER PIPE**
[54] **PROCEDE ET MOULE POUR FABRIQUER DES TUBES EN BETON AVEC TUBE INTERIEUR EN PLASTIQUE**
[72] SCHLUESSELBAUER, JOHANN, AT
[73] SCHLUESSELBAUER, JOHANN, AT
[85] 2012-05-24
[86] 2010-11-26 (PCT/EP2010/007195)
[87] (WO2011/063979)
[30] DE (10 2009 047 251.7) 2009-11-27
[30] DE (10 2010 040 043.2) 2010-08-31

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[11] **2,782,210**
[13] A1
[51] **Int.Cl. H02M 5/297 (2006.01)**
[25] EN
[54] **METHOD FOR OPERATING A CONVERTER CIRCUIT, AND APPARATUS FOR CARRYING OUT THE METHOD**
[54] **PROCEDE POUR FAIRE FONCTIONNER UN CIRCUIT INVERSEUR ET DISPOSITIF POUR METTRE EN OEUVRE LE PROCEDE**
[72] KORN, ARTHUR, CH
[73] ABB SCHWEIZ AG, CH
[73] KORN, ARTHUR, ZZ
[85] 2012-05-29
[86] 2010-11-12 (PCT/EP2010/067378)
[87] (WO2011/067090)
[30] EP (09177578.3) 2009-12-01

---

[11] **2,782,264**
[13] A1
[51] **Int.Cl. E05B 65/46 (2017.01)**
[25] EN
[54] **ELECTROMECHANICAL LATCH AND EJECTOR**
[54] **LOQUET ET EJECTEUR ELECTROMECANIQUES**
[72] BARRETT, JOHN TODD, US
[72] SCHOVILLE, FRED P., US
[73] ADVANTAGE PHARMACY SERVICES LLC, US
[73] BARRETT, JOHN TODD, ZZ
[73] SCHOVILLE, FRED P., ZZ
[86] (2782264)
[87] (2782264)
[22] 2012-07-05
[30] US (61/508,225) 2011-07-15
[30] US (13/526,807) 2012-06-19

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[11] **2,784,995**
[13] A1
[51] **Int.Cl. C07D 319/12 (2006.01) C08G 63/08 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING CYCLIC ESTERS COMPRISING UNSATURATED FUNCTIONAL GROUPS AND POLYESTERS PREPARED FROM SAME**
[54] **PROCEDE DE PREPARATION D'ESTERS CYCLIQUES COMPRENANT DES GROUPES FONCTIONNELS INSATURES ET POLYESTERS PREPARES A PARTIR DE CEUX-CI**
[72] MARKLAND, PETER, US
[72] ZHANG, XI, US
[73] MARKLAND, PETER, ZZ
[73] ZHANG, XI, ZZ
[73] EVONIK CORPORATION, US
[85] 2012-06-19
[86] 2010-12-15 (PCT/US2010/060475)
[87] (WO2011/084466)
[30] US (61/288,649) 2009-12-21
[30] US (61/360,148) 2010-06-30

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[11] **2,785,319**
[13] A1
[51] **Int.Cl. E04G 9/08 (2006.01) E04B 1/34 (2006.01) E04B 7/10 (2006.01) F16S 1/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR STRUCTURE DESIGN**
[54] **SYSTEME ET PROCEDE POUR CONCEPTION DE STRUCTURE**
[72] HAUPTMAN, JONAS, US
[72] JAMES, PAUL, US
[72] ZESK, WALTER, US
[73] HAUPTMAN, JONAS, ZZ
[73] JAMES, PAUL, ZZ
[73] LIBERTY DIVERSIFIED INTERNATIONAL, INC., US
[73] ZESK, WALTER, ZZ
[85] 2012-06-20
[86] 2010-12-22 (PCT/US2010/061813)
[87] (WO2011/079201)
[30] US (61/289,936) 2009-12-23
[30] US (61/293,508) 2010-01-08

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[11] **2,785,349**
[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/167 (2006.01) A61K 31/40 (2006.01) A61K 45/06 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY FOR COPD**
[54] **POLYTHERAPIE DESTINEE A LA BRONCHOPNEUMOPATHIE CHRONIQUE OBSTRUCTIVE**
[72] BONELLI, SAURO, IT
[72] ZAMBELLI, ENRICO, IT
[72] USBERTI, FRANCESCA, IT
[73] CHIESI FARMACEUTICI S.P.A., IT
[73] BONELLI, SAURO, ZZ
[73] ZAMBELLI, ENRICO, ZZ
[73] USBERTI, FRANCESCA, ZZ
[85] 2012-06-21
[86] 2010-12-22 (PCT/EP2010/070477)
[87] (WO2011/076841)
[30] EP (09180670.3) 2009-12-23

[11] 2,785,891
[13] A1
[51] **Int.Cl. G01T 1/29 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING A SHARED CHARGE IN PIXELATED IMAGE DETECTORS**
[54] **SYSTEMES ET PROCEDES DESTINES A FOURNIR UNE CHARGE PARTAGEE DANS DES DETECTEURS D'IMAGE PIXELISEE**
[72] BOUHNIK, JEAN-PAUL, IL
[72] HUGG, JAMES WILLIAM, US
[72] BLEVIS, IRA, IL
[72] HEFETZ, YARON, IL
[73] GENERAL ELECTRIC COMPANY, US
[73] BOUHNIK, JEAN-PAUL, ZZ
[73] HUGG, JAMES WILLIAM, ZZ
[73] BLEVIS, IRA, ZZ
[73] HEFETZ, YARON, ZZ
[85] 2012-06-28
[86] 2010-11-04 (PCT/US2010/055353)
[87] (WO2011/090530)
[30] US (12/649,987) 2009-12-30

---

[11] 2,785,898
[13] A1
[51] **Int.Cl. C07D 257/04 (2006.01) A61K 31/41 (2006.01) A61P 9/00 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **METALLOENZYME INHIBITOR COMPOUNDS**
[54] **COMPOSES INHIBITEURS DE METALLO-ENZYME**
[72] HOEKSTRA, WILLIAM J., US
[72] SCHOTZINGER, ROBERT J., US
[72] RAFFERTY, STEPHEN WILLIAM, US
[73] HOEKSTRA, WILLIAM J., ZZ
[73] SCHOTZINGER, ROBERT J., ZZ
[73] RAFFERTY, STEPHEN WILLIAM, ZZ
[73] INNOCRIN PHARMACEUTICALS, INC., US
[85] 2012-06-28
[86] 2010-12-29 (PCT/US2010/062385)
[87] (WO2011/082245)
[30] US (61/291,491) 2009-12-31

---

[11] 2,785,945
[13] A1
[51] **Int.Cl. C09J 167/06 (2006.01) C09J 11/04 (2006.01) E04G 23/02 (2006.01)**
[25] EN
[54] **JOINTING ADHESIVE FOR STONE**
[54] **ADHESIF DE JOINTOIEMENT DESTINE A DES PIERRES**
[72] DU, KUNWEN, CN
[72] DU, KUNWU, CN
[73] WUHAN KEDA MARBLE PROTECTIVE MATERIALS CO., LTD., CN
[73] DU, KUNWEN, ZZ
[73] DU, KUNWU, ZZ
[85] 2012-06-28
[86] 2011-05-13 (PCT/CN2011/074032)
[87] (WO2011/153892)
[30] CN (201010201032.X) 2010-06-08

---

[11] 2,787,886
[13] A1
[51] **Int.Cl. C12M 3/00 (2006.01) C12N 5/071 (2010.01) A01N 1/02 (2006.01) C12M 1/00 (2006.01) A61L 27/00 (2006.01)**
[25] EN
[54] **PERFUSION CULTURE METHOD AND PERFUSION CULTURE DEVICE FOR ORGAN OR TISSUE**
[54] **PROCEDE DE CULTURE A PERFUSION ET DISPOSITIF DE CULTURE A PERFUSION POUR UN ORGANE OU UN TISSU**
[72] TSUJI, TAKASHI, JP
[72] NAKAO, KAZUHISA, JP
[73] TSUJI, TAKASHI, ZZ
[73] NAKAO, KAZUHISA, ZZ
[73] ORGAN TECHNOLOGIES, INC., JP
[85] 2012-07-23
[86] 2011-01-25 (PCT/JP2011/051317)
[87] (WO2011/093268)
[30] JP (2010-018938) 2010-01-29

---

[11] 2,788,594
[13] A1
[51] **Int.Cl. B23K 9/09 (2006.01) B23K 9/095 (2006.01) B23K 9/12 (2006.01) B23K 9/133 (2006.01)**
[25] EN
[54] **WELDING SYSTEM WITH TORQUE MOTOR WIRE DRIVE USING CALIBRATION DATA**
[54] **SYSTEME DE SOUDAGE DOTE D'UN ENTRAINEMENT DE FIL DE MOTEUR COUPLE UTILISANT DES DONNEES D'ETALONNAGE**
[72] SCHARTNER, QUINN W., US
[72] NELSON, ANDREW D., US
[73] ILLINOIS TOOL WORKS INC., US
[73] SCHARTNER, QUINN W., ZZ
[73] NELSON, ANDREW D., ZZ
[85] 2012-07-30
[86] 2011-02-11 (PCT/US2011/024577)
[87] (WO2011/106178)
[30] US (12/711,008) 2010-02-23

---

[11] 2,788,646
[13] A1
[51] **Int.Cl. A61B 17/17 (2006.01) A61B 17/88 (2006.01) A61F 2/30 (2006.01)**
[25] EN
[54] **MOUNTING SYSTEM FOR MEDULLOSCOPY**
[54] **SYSTEME DE MONTAGE POUR MEDULLOSCOPIE**
[72] GOVAERS, KRISTOFFEL, BE
[73] GOVAERS, KRISTOFFEL, ZZ
[73] GOVAERS, KRISTOFFEL, BE
[85] 2012-07-31
[86] 2011-02-01 (PCT/EP2011/051347)
[87] (WO2011/092337)
[30] GB (1001573.3) 2010-02-01

---

[11] 2,788,857
[13] A1
[51] **Int.Cl. B61H 9/02 (2006.01) A62B 1/04 (2006.01) A62B 1/08 (2006.01)**
[25] EN
[54] **MOVABLE CABLE LOOP DESCENT SYSTEM**
[54] **SYSTEME DE DESCENTE DE BOUCLE DE CABLE MOBILE**
[72] HARTMAN, GREGORY A., CA
[72] SMITH, DAN S., CA
[73] RIDE INC., CA
[73] HARTMAN, GREGORY A., CA
[73] SMITH, DAN S., CA
[85] 2012-08-01
[86] 2011-02-01 (PCT/CA2011/050055)
[87] (WO2011/091539)
[30] US (61/300,179) 2010-02-01

[11] **2,789,131**
[13] A1
[51] **Int.Cl. H04W 8/26 (2009.01) H04W 92/10 (2009.01) H04L 12/24 (2006.01)**
[25] EN
[54] **WIRELESS ADAPTER**
[54] **ADAPTATEUR SANS FIL**
[72] TOEBES, JOHN A., US
[73] UNITED STATES FOUNDATION FOR INSPIRATION AND RECOGNITION OF SCIENCE AND TECHNOLOGY, US
[73] TOEBES, JOHN A., ZZ
[85] 2012-08-07
[86] 2011-01-07 (PCT/US2011/020525)
[87] (WO2011/085205)
[30] US (61/293,444) 2010-01-08
[30] US (12/945,139) 2010-11-12

---

[11] **2,789,777**
[13] A1
[51] **Int.Cl. B62J 11/00 (2006.01) B60R 11/02 (2006.01) F16M 13/02 (2006.01)**
[25] EN
[54] **MOUNT WITH ANTI-ROTATION FEATURE**
[54] **SUPPORT DOTE D'UNE CARACTERISTIQUE ANTI-ROTATION**
[72] LEE, MICHAEL, US
[73] HIGH GEAR SPECIALTIES, INC., US
[73] LEE, MICHAEL, ZZ
[85] 2012-08-14
[86] 2011-02-21 (PCT/US2011/025577)
[87] (WO2011/106270)
[30] US (12/711,767) 2010-02-24

---

[11] **2,789,911**
[13] A1
[51] **Int.Cl. E05D 7/00 (2006.01) E05D 3/00 (2006.01)**
[25] EN
[54] **HINGE**
[54] **CHARNIERE**
[72] MITCHELL, BRETT A., US
[72] THORSEN, THOMAS A., US
[73] KASON INDUSTRIES, INC., US
[73] MITCHELL, BRETT A., ZZ
[73] THORSEN, THOMAS A., ZZ
[86] (2789911)
[87] (2789911)
[22] 2012-09-14
[30] US (13/234,813) 2011-09-16

---

[11] **2,790,783**
[13] A1
[51] **Int.Cl. A61K 31/702 (2006.01) A61K 33/00 (2006.01) A61K 33/06 (2006.01) A61P 37/08 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **EPITHELIAL CELL-CELL ADHESION ENHANCER, AND AMELIORATING, THERAPEUTIC OR PROPHYLACTIC AGENT FOR ALLERGIC DISEASES USING SAME**
[54] **ACTIVATEUR D'ADHESION CELLULE-CELLULE EPITHELIALE, ET AGENT D'AMELIORATION THERAPEUTIQUE OU PROPHYLACTIQUE CONTRE DES MALADIES ALLERGIQUES L'UTILISANT**
[72] KOGA, YASUHIRO, JP
[72] SUZUKI, YOSHIMITSU, JP
[72] MAKISHIMA, SATOSHI, JP
[72] OGASA, KAZUO, JP
[72] SUZUKI, MASAYUKI, JP
[72] IIZUKA, TOSHIKO, JP
[73] KOGA, YASUHIRO, ZZ
[73] SUZUKI, YOSHIMITSU, ZZ
[73] MAKISHIMA, SATOSHI, ZZ
[73] OGASA, KAZUO, ZZ
[73] SUZUKI, MASAYUKI, ZZ
[73] IIZUKA, TOSHIKO, ZZ
[73] B FOOD SCIENCE CO., LTD., JP
[85] 2012-08-21
[86] 2011-02-22 (PCT/JP2011/053833)
[87] (WO2011/102529)
[30] JP (2010-036698) 2010-02-22

---

[11] **2,791,036**
[13] A1
[51] **Int.Cl. A61M 5/31 (2006.01) A61M 5/34 (2006.01)**
[25] EN
[54] **SAFETY SYRINGE**
[54] **SERINGUE DE SURETE**
[72] CHEN, CHO-YING, TW
[73] FAN, HSIAO I., TW
[73] LEE, HSHIN-CHUNG, TW
[86] (2791036)
[87] (2791036)
[22] 2012-09-27
[30] TW (100140541) 2011-11-07

---

[11] **2,792,736**
[13] A1
[51] **Int.Cl. G06T 7/143 (2017.01) A61B 34/10 (2016.01) G06T 7/174 (2017.01) G06T 7/30 (2017.01)**
[25] EN
[54] **PROBABILISTIC REFINEMENT OF MODEL-BASED SEGMENTATION**
[54] **AFFINEMENT PROBABILISTE D'UNE SEGMENTATION A BASE DE MODELE**
[72] PEKAR, VLADIMIR, NL
[72] QAZI, ARISH ASIF, NL
[73] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL
[73] UNIVERSITY HEALTH NETWORK, CA
[73] PEKAR, VLADIMIR, ZZ
[73] QAZI, ARISH ASIF, ZZ
[85] 2012-09-10
[86] 2011-02-14 (PCT/IB2011/050601)
[87] (WO2011/110960)
[30] US (61/312,725) 2010-03-11

[11] **2,792,995**
[13] A1
[51] **Int.Cl. C09D 175/04 (2006.01) C08G 18/72 (2006.01) C08J 7/04 (2006.01)**
[25] EN
[54] **LOW TEMPERATURE CURING POLYURETDIONE COMPOSITIONS**
[54] **COMPOSITIONS DE POLYURETDIONE DURCISSANT A FAIBLE TEMPERATURE**
[72] SHAFFER, MYRON W., US
[72] EKIN, ABDULLAH, US
[72] KINNEY, CAROL L., US
[72] GRESZTA-FRANZ, DOROTA, DE
[72] MARTZ, JONATHAN T., US
[72] DENG, JUN, US
[72] HAYES, DEBORAH E., US
[72] THOMAS, STEPHEN J., US
[73] BAYER MATERIALSCIENCE LLC, US
[73] BAYER MATERIALSCIENCE AG, DE
[73] PPG INDUSTRIES OHIO, INC., US
[73] SHAFFER, MYRON W., ZZ
[73] EKIN, ABDULLAH, ZZ
[73] KINNEY, CAROL L., ZZ
[73] GRESZTA-FRANZ, DOROTA, ZZ
[73] MARTZ, JONATHAN T., ZZ
[73] DENG, JUN, ZZ
[73] HAYES, DEBORAH E., ZZ
[73] THOMAS, STEPHEN J., ZZ
[85] 2012-09-12
[86] 2011-03-15 (PCT/US2011/000473)
[87] (WO2011/115669)
[30] US (12/727,295) 2010-03-19

---

[11] **2,793,212**
[13] A1
[51] **Int.Cl. A47J 31/24 (2006.01) A47J 31/40 (2006.01) A47J 31/42 (2006.01) A47J 31/56 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CONTROLLING BREWED BEVERAGE QUALITY**
[54] **PROCEDE ET APPAREIL POUR CONTROLER LA QUALITE D'UNE BOISSON BRASSEE**
[72] MCLAUGHLIN, JAMES M., US
[72] NGUYEN, QUAN H., US
[72] COLLIER, CHRISTOPHER D., US
[72] NALL, EILEEN M., US
[72] MARKS, LUCAS A., US
[72] REBHUHN, CARRIE M., US
[73] CONCORDIA COFFEE COMPANY, INC., US
[73] MCLAUGHLIN, JAMES M., ZZ
[73] NGUYEN, QUAN H., ZZ
[73] COLLIER, CHRISTOPHER D., ZZ
[73] NALL, EILEEN M., ZZ
[73] MARKS, LUCAS A., ZZ
[73] REBHUHN, CARRIE M., ZZ
[85] 2012-09-13
[86] 2011-03-17 (PCT/US2011/028906)
[87] (WO2011/116247)
[30] US (61/315,847) 2010-03-19

---

[11] **2,793,215**
[13] A1
[51] **Int.Cl. C04B 38/00 (2006.01) B28C 7/00 (2006.01) B28C 9/00 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD AND APPARATUS FOR ENTRAINING AIR IN CONCRETE**
[54] **SYSTEME, PROCEDE ET APPAREIL PERMETTANT D'ENTRAINER DE L'AIR DANS LE BETON**
[72] WELKER, CHARLES D., US
[72] SMITH, NORMAN SCOTT, US
[73] WELKER, CHARLES D., US
[73] SMITH, NORMAN SCOTT, ZZ
[85] 2012-09-13
[86] 2011-03-22 (PCT/US2011/029330)
[87] (WO2011/126723)
[30] US (12/748,883) 2010-03-29

---

[11] **2,794,171**
[13] A1
[51] **Int.Cl. A61K 9/22 (2006.01) A61K 31/19 (2006.01)**
[25] EN
[54] **CONTROLLED RELEASE DOSAGE FORMS FOR HIGH DOSE, WATER SOLUBLE AND HYGROSCOPIC DRUG SUBSTANCES**
[54] **FORMES GALENIQUES A LIBERATION CONTROLEE POUR DES SUBSTANCES MEDICAMENTEUSES HYDROSOLUBLES ET HYGROSCOPIQUES A DOSE ELEVEE**
[72] ALLPHIN, CLARK PATRICK, US
[72] PFEIFFER, JAMES FREDERICK, US
[73] JAZZ PHARMACEUTICALS, INC., US
[73] ALLPHIN, CLARK PATRICK, ZZ
[73] PFEIFFER, JAMES FREDERICK, ZZ
[85] 2012-09-24
[86] 2011-03-24 (PCT/US2011/029802)
[87] (WO2011/119839)
[30] US (61/317,212) 2010-03-24

---

[11] **2,794,688**
[13] A1
[51] **Int.Cl. C07K 1/36 (2006.01)**
[25] EN
[54] **A PROCESS FOR PURIFICATION OF PNEUMOCANDIN**
[54] **PROCEDE DE PURIFICATION DE LA PNEUMOCANDINE**
[72] RASTOGI, KUSHAL, IN
[72] SANTAN, ONKAR PRAKASH, IN
[72] PATIL, NITIN SOPANRAO, IN
[72] MENDHE, RAKESH BHAIYYARAM, IN
[73] BIOCON LIMITED, IN
[73] RASTOGI, KUSHAL, ZZ
[73] SANTAN, ONKAR PRAKASH, ZZ
[73] PATIL, NITIN SOPANRAO, ZZ
[73] MENDHE, RAKESH BHAIYYARAM, ZZ
[85] 2012-09-26
[86] 2010-05-17 (PCT/IN2010/000313)
[87] (WO2011/121599)
[30] IN (00861/CHE/2010) 2010-03-29

[11] 2,795,177
[13] A1
[51] **Int.Cl. A61K 31/74 (2006.01) A61K 31/717 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **METHOD OF TREATING INFLAMMATION**
[54] **METHODE PERMETTANT DE TRAITER UNE INFLAMMATION**
[72] CHAN, PHILLIP P., US
[72] YOUNG, WEI-TAI, US
[72] CAPPONI, VINCENT J., US
[72] GOLOBISH, THOMAS D., US
[72] BARTLETT, ROBERT H., US
[72] ALI, HUMAYRA BEGUM, US
[73] CYTOSORBENTS CORPORATION, US
[73] CHAN, PHILLIP P., ZZ
[73] YOUNG, WEI-TAI, ZZ
[73] CAPPONI, VINCENT J., ZZ
[73] GOLOBISH, THOMAS D., ZZ
[73] BARTLETT, ROBERT H., ZZ
[73] ALI, HUMAYRA BEGUM, ZZ
[85] 2012-09-28
[86] 2011-04-01 (PCT/US2011/030919)
[87] (WO2011/123767)
[30] US (61/319,993) 2010-04-01

---

[11] 2,795,570
[13] A1
[51] **Int.Cl. A01N 25/00 (2006.01) A01N 25/02 (2006.01) A01N 39/02 (2006.01) A01N 43/40 (2006.01) A01N 57/16 (2006.01)**
[25] EN
[54] **USE OF COLD-STABILIZED METHYLATED VEGETABLE OILS AS AN AGRICULTURAL CHEMICAL COFORMULANT**
[54] **UTILISATION D'HUILES VEGETALES METHYLEES STABILISEES PAR LE FROID EN TANT QUE COFORMULANT CHIMIQUE AGRICOLE**
[72] VOGLEWEDE, CHRISTOPHER J., CA
[72] SWAYZE, KAREN M., US
[72] TANK, HOLGER, US
[73] DOW AGROSCIENCES LLC, US
[73] VOGLEWEDE, CHRISTOPHER J., CA
[73] SWAYZE, KAREN M., ZZ
[73] TANK, HOLGER, ZZ
[85] 2012-10-03
[86] 2011-05-03 (PCT/US2011/034881)
[87] (WO2011/140005)
[30] US (61/331,033) 2010-05-04

---

[11] 2,796,172
[13] A1
[51] **Int.Cl. A61B 5/0452 (2006.01) A61N 1/39 (2006.01) G06F 17/14 (2006.01)**
[25] FR
[54] **METHOD AND SYSTEM FOR ANALYSING THE CARDIAC ACTIVITY OF A PATIENT AND USES THEREOF**
[54] **PROCEDE ET SYSTEME D'ANALYSE DE L'ACTIVITE CARDIAQUE D'UN PATIENT ET APPLICATIONS CORRESPONDANTES**
[72] HANUSSE, PATRICK, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIC (C.N.R.S.), FR
[73] HANUSSE, PATRICK, ZZ
[85] 2012-10-11
[86] 2011-04-12 (PCT/FR2011/050828)
[87] (WO2011/128571)
[30] FR (10 52788) 2010-04-13

---

[11] 2,796,401
[13] A1
[51] **Int.Cl. B01J 31/18 (2006.01) C11D 3/39 (2006.01)**
[25] EN
[54] **BLEACHING OF SUBSTRATES**
[54] **BLANCHIMENT DE SUBSTRATS**
[72] HAGE, RONALD, NL
[72] GAULARD, FABIEN PIERRE GUY, NL
[72] YANG, KIMBERLY SORAYA, NL
[73] CATEXEL LIMITED, GB
[73] HAGE, RONALD, ZZ
[73] GAULARD, FABIEN PIERRE GUY, ZZ
[73] YANG, KIMBERLY SORAYA, ZZ
[85] 2012-10-15
[86] 2011-04-15 (PCT/GB2011/000587)
[87] (WO2011/128649)
[30] EP (10160194.6) 2010-04-16

---

[11] 2,796,656
[13] A1
[51] **Int.Cl. C08G 65/28 (2006.01) B29C 44/00 (2006.01) C07C 41/03 (2006.01) C07C 43/13 (2006.01) C08G 18/48 (2006.01) C08J 9/04 (2006.01) C08L 75/08 (2006.01)**
[25] EN
[54] **POLYOLS SUITABLE FOR HOT MOLDED FOAM PRODUCTION WITH HIGH RENEWABLE RESOURCE CONTENT**
[54] **POLYOLS APPROPRIES POUR LA FABRICATION D'UNE MOUSSE MOULEE A CHAUD AYANT UNE TENEUR ELEVEE EN RESSOURCES RENOUVELABLES**
[72] HAGER, STANLEY L., US
[72] MOORE, MICAH N., US
[72] REESE, JACK R., US
[72] NEAL, BRIAN L., US
[73] BAYER MATERIALSCIENCE LLC, US
[73] HAGER, STANLEY L., ZZ
[73] MOORE, MICAH N., ZZ
[73] REESE, JACK R., ZZ
[73] NEAL, BRIAN L., ZZ
[85] 2012-10-17
[86] 2011-04-15 (PCT/US2011/000685)
[87] (WO2011/133208)
[30] US (61/327,262) 2010-04-23

---

[11] 2,797,066
[13] A1
[51] **Int.Cl. E04C 1/39 (2006.01)**
[25] EN
[54] **FREE-STANDING WALL ARRANGEMENT AND METHODS**
[54] **CONFIGURATION ET PROCEDES POUR MURS AUTOPORTEURS**
[72] WOLTER, ROBERT JOEL, US
[72] BURNQUIST, ROBERT B., US
[72] BROWN, HARRISON JOHN, US
[72] BUKER, DALE A., US
[72] JOHNSON, JAY J., US
[73] ANCHOR WALL SYSTEMS, INC., US
[73] WOLTER, ROBERT JOEL, ZZ
[73] BURNQUIST, ROBERT B., ZZ
[73] BROWN, HARRISON JOHN, ZZ
[73] BUKER, DALE A., ZZ
[73] JOHNSON, JAY J., ZZ
[85] 2012-10-22
[86] 2011-04-04 (PCT/US2011/031082)
[87] (WO2011/136901)
[30] US (12/770,885) 2010-04-30

[11] **2,797,168**
[13] A1
[51] **Int.Cl. F27D 17/00 (2006.01) C03B 5/235 (2006.01) C21C 5/46 (2006.01) F23N 5/08 (2006.01) F27D 19/00 (2006.01) F27D 21/00 (2006.01)**
[25] FR
[54] **FUEL-FIRED FURNACE AND METHOD FOR CONTROLLING COMBUSTION IN A FUEL-FIRED FURNACE**
[54] **FOUR A FLAMME ET PROCEDE DE REGULATION DE LA COMBUSTION DANS UN FOUR A FLAMME**
[72] BEAUDOIN, PHILIPPE, FR
[72] LOISELET, BENOIT, FR
[73] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[73] BEAUDOIN, PHILIPPE, ZZ
[73] LOISELET, BENOIT, ZZ
[85] 2012-10-22
[86] 2011-03-30 (PCT/FR2011/050703)
[87] (WO2011/131880)
[30] FR (1053147) 2010-04-23

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[11] **2,797,285**
[13] A1
[51] **Int.Cl. C08L 3/02 (2006.01) B65D 65/46 (2006.01) C08J 9/16 (2006.01)**
[25] EN
[54] **BIODEGRADABLE PELLETS FOAMED BY IRRADIATION**
[54] **GRANULES BIODEGRADABLES TRANSFORMES EN MOUSSE PAR IRRADIATION**
[72] BASTIOLI, CATIA, IT
[72] LOMBI, ROBERTO, IT
[72] NICOLINI, MATTEO, IT
[72] TURATI, DANIELE, IT
[73] NOVAMONT S.P.A., IT
[73] BASTIOLI, CATIA, ZZ
[73] LOMBI, ROBERTO, ZZ
[73] NICOLINI, MATTEO, ZZ
[73] TURATI, DANIELE, ZZ
[85] 2012-10-23
[86] 2011-05-13 (PCT/EP2011/057802)
[87] (WO2011/141573)
[30] IT (MI2010A000865) 2010-05-14

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[11] **2,797,472**
[13] A1
[51] **Int.Cl. A61K 49/10 (2006.01) A61K 49/20 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **HYPERPOLARIZED LACTATE CONTRAST AGENT FOR DETERMINATION OF LDH ACTIVITY**
[54] **AGENT DE CONTRASTE AU LACTATE HYPERPOLARISE POUR LA DETERMINATION DE L'ACTIVITE DE LA LDH**
[72] BRINDLE, KEVIN M., GB
[72] KETTUNEN, MIKKO IIVARI, GB
[72] KENNEDY, BRETT W. C., GB
[73] GE HEALTHCARE LIMITED, GB
[73] BRINDLE, KEVIN M., ZZ
[73] KETTUNEN, MIKKO IIVARI, ZZ
[73] KENNEDY, BRETT W. C., ZZ
[85] 2012-10-25
[86] 2011-05-02 (PCT/EP2011/056945)
[87] (WO2011/138269)
[30] EP (10161740.5) 2010-05-03

---

[11] **2,797,506**
[13] A1
[51] **Int.Cl. A01D 57/30 (2006.01) C05F 9/02 (2006.01) C05F 17/02 (2006.01)**
[25] EN
[54] **A WINDROW TURNING APPARATUS**
[54] **APPAREIL DE RETOURNEMENT D'ANDAIN**
[72] HANSEN, JORGEN P., AU
[73] HANSEN, JORGEN P., AU
[86] (2797506)
[87] (2797506)
[22] 2012-12-05
[30] AU (2012205121) 2012-07-13

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[11] **2,797,886**
[13] A1
[51] **Int.Cl. A61B 5/08 (2006.01) A61B 5/087 (2006.01) A61H 31/00 (2006.01) G06F 17/14 (2006.01)**
[25] FR
[54] **METHOD AND SYSTEM FOR ANALYSING A PATIENT'S RESPIRATORY ACTIVITY AND CORRESPONDING USES**
[54] **PROCEDE ET SYSTEME D'ANALYSE DE L'ACTIVITE RESPIRATOIRE D'UN PATIENT ET APPLICATIONS CORRESPONDANTES**
[72] HANUSSE, PATRICK, FR
[73] HANUSSE, PATRICK, ZZ
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR
[85] 2012-10-29
[86] 2011-04-28 (PCT/FR2011/050957)
[87] (WO2011/135257)
[30] FR (10 53357) 2010-04-30

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[11] **2,798,664**
[13] A1
[51] **Int.Cl. A61C 13/00 (2006.01)**
[25] EN
[54] **DENTAL PROSTHESIS CONNECTOR DESIGN**
[54] **CONCEPTION DE CONNECTEUR DE PROTHESE DENTAIRE**
[72] DUMITRESCU, ION, CA
[72] GIASSON, DAVID, CA
[73] NOBEL BIOCARE SERVICES AG, CH
[73] DUMITRESCU, ION, CA
[73] GIASSON, DAVID, CA
[85] 2012-11-06
[86] 2011-05-24 (PCT/EP2011/002570)
[87] (WO2011/147559)
[30] US (12/787,116) 2010-05-25

[11] **2,798,911**
[13] A1
[51] **Int.Cl. A61K 31/522 (2006.01) A61K 45/06 (2006.01) A61P 9/10 (2006.01)**
[25] EN
[54] **THEOBROMINE FOR INCREASING HDL-CHOLESTEROL**
[54] **THEOBROMINE POUR L'ELEVATION DE HDL-CHOLESTEROL**
[72] DRAIJER, RICHARD, NL
[72] VAN DEN BORN, BERT-JAN HENDRIK, NL
[73] DRAIJER, RICHARD, ZZ
[73] VAN DEN BORN, BERT-JAN HENDRIK, ZZ
[73] UNILEVER BCS LIMITED, GB
[85] 2012-11-08
[86] 2011-05-16 (PCT/EP2011/057816)
[87] (WO2011/144545)
[30] EP (10163276.8) 2010-05-19

[11] **2,799,117**
[13] A1
[51] **Int.Cl. A23D 7/005 (2006.01) A23D 7/015 (2006.01)**
[25] EN
[54] **EDIBLE FAT CONTINUOUS SPREADS**
[54] **PATES A TARTINER CONTINUES DE GRAISSES COMESTIBLES**
[72] BELTMAN, ROBERT, NL
[72] HUSKEN, HENK, NL
[72] JACOBS, RENATE GEMMA JACOBINA MARIA, NL
[72] SMIT-KINGMA, IRENE ERICA, NL
[72] VELIKOV, KRASSIMIR PETKOV, NL
[73] BELTMAN, ROBERT, ZZ
[73] HUSKEN, HENK, ZZ
[73] JACOBS, RENATE GEMMA JACOBINA MARIA, ZZ
[73] SMIT-KINGMA, IRENE ERICA, ZZ
[73] VELIKOV, KRASSIMIR PETKOV, ZZ
[73] UNILEVER BCS LIMITED, GB
[85] 2012-11-09
[86] 2011-04-18 (PCT/EP2011/056161)
[87] (WO2011/144405)
[30] EP (10163048.1) 2010-05-18

[11] **2,799,186**
[13] A1
[51] **Int.Cl. F16J 15/324 (2016.01) F16J 15/3232 (2016.01) B21B 31/07 (2006.01) F16C 33/74 (2006.01)**
[25] EN
[54] **NECK SEAL FOR A ROLLING MILL OIL FILM BEARING WITH SPACED IMPELLERS FOR PROPELLING OIL COMING OUT FROM THE BEARING'S SLEEVE AND BUSHING**
[54] **JOINT DE COL DESTINE A UN PALIER A FILM D'HUILE DE LAMINOIR DOTE D'AILETTES ESPACEES SERVANT A PROPULSER L'HUILE PROVENANT DU MANCHON ET DU COUSSINET DU PALIER**
[72] WOJTKOWSKI, THOMAS C., JR., US
[72] OSGOOD, PETER N., US
[73] WOJTKOWSKI, THOMAS C., JR., ZZ
[73] OSGOOD, PETER N., ZZ
[73] PRIMETALS TECHNOLOGIES USA LLC, US
[85] 2012-11-09
[86] 2011-04-27 (PCT/US2011/034110)
[87] (WO2011/142968)
[30] US (12/777,362) 2010-05-11

[11] **2,799,543**
[13] A1
[51] **Int.Cl. F02C 7/045 (2006.01) B64D 33/04 (2006.01) F02C 7/24 (2006.01) F02K 1/82 (2006.01) G10K 11/168 (2006.01) G10K 11/175 (2006.01)**
[25] FR
[54] **MULTI-LAYER ACOUSTIC TREATMENT PANEL**
[54] **PANNEAU DE TRAITEMENT ACOUSTIQUE MULTICOUCHES**
[72] JULLIARD, JACQUES MICHEL ALBERT, FR
[72] MARDJONO, JACKY NOVI, FR
[72] RIOU, GEORGES JEAN XAVIER, FR
[72] POIRIER, BENJAMIN ANDRE FRANCOIS, FR
[72] VILLE, JEAN-MICHEL JEAN-FRANCOIS, FR
[73] SNECMA, FR
[73] UNIVERSITE DE TECHNOLOGIE DE COMPIEGNE, FR
[73] JULLIARD, JACQUES MICHEL ALBERT, ZZ
[73] MARDJONO, JACKY NOVI, ZZ
[73] RIOU, GEORGES JEAN XAVIER, ZZ
[73] POIRIER, BENJAMIN ANDRE FRANCOIS, ZZ
[73] VILLE, JEAN-MICHEL JEAN-FRANCOIS, ZZ
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2012-11-14
[86] 2011-05-12 (PCT/FR2011/051062)
[87] (WO2011/144842)
[30] FR (1053881) 2010-05-19

[11] **2,799,623**
[13] A1
[51] **Int.Cl. H02K 5/12 (2006.01) H02K 1/18 (2006.01) F03B 13/18 (2006.01)**
[25] EN
[54] **STATOR FRAME FOR A SUBMERGED LINEAR GENERATOR**
[54] **CARCASSE DE STATOR POUR GENERATRICE LINEAIRE IMMERGEE**
[72] LEIJON, MATS, SE
[72] DORE, ERIK, SE
[72] AXELSSON, FREDRIK, SE
[72] WATERS, RAFAEL, SE
[73] SEABASED AB, SE
[73] LEIJON, MATS, ZZ
[73] DORE, ERIK, ZZ
[73] AXELSSON, FREDRIK, ZZ
[73] WATERS, RAFAEL, ZZ
[85] 2012-11-15
[86] 2010-05-28 (PCT/SE2010/050586)
[87] (WO2011/149398)

[11] 2,800,069
[13] A1
[51] **Int.Cl. E03C 1/05 (2006.01) F16K 11/00 (2006.01) F16K 31/05 (2006.01) F16K 31/66 (2006.01) G05D 23/13 (2006.01)**
[25] EN
[54] **ELECTRONIC SHOWER SYSTEM**
[54] **SYSTEME DE DOUCHE ELECTRONIQUE**
[72] MARTY, GARRY R., US
[72] HUFFINGTON, TODD, US
[72] DAVIDSON, KYLE R., US
[72] JOHNSON, BRIAN W., US
[72] O'CULL, LARRY D., US
[72] JONTE, PATRICK B., US
[73] MARTY, GARRY R., ZZ
[73] HUFFINGTON, TODD, ZZ
[73] DAVIDSON, KYLE R., ZZ
[73] JOHNSON, BRIAN W., ZZ
[73] O'CULL, LARRY D., ZZ
[73] JONTE, PATRICK B., ZZ
[73] DELTA FAUCET COMPANY, US
[85] 2012-11-20
[86] 2011-05-23 (PCT/US2011/037614)
[87] (WO2011/146941)
[30] US (61/347,377) 2010-05-21
[30] US (61/487,271) 2011-05-17

---

[11] 2,800,904
[13] A1
[51] **Int.Cl. H04W 88/04 (2009.01) H04W 52/02 (2009.01) H04W 84/12 (2009.01) H04W 84/18 (2009.01) H04W 92/02 (2009.01)**
[25] EN
[54] **METHOD, SYSTEM AND DEVICE FOR INITIATING WIRELESS COMMUNICATION**
[54] **PROCEDE, SYSTEME ET DISPOSITIF POUR LE LANCEMENT DE COMMUNICATION SANS FIL**
[72] WAUNG, WILLIAM YIH YUAN, CA
[72] WAUNG, MATTHEW THOMAS, CA
[73] WAUNG, WILLIAM YIH YUAN, CA
[73] WAUNG, MATTHEW THOMAS, CA
[73] NETGEAR, INC., US
[85] 2012-11-27
[86] 2010-07-23 (PCT/CA2010/001138)
[87] (WO2011/011867)
[30] US (12/533,884) 2009-07-31

---

[11] 2,801,412
[13] A1
[51] **Int.Cl. F16M 11/12 (2006.01) F16M 11/24 (2006.01) F16M 13/02 (2006.01)**
[25] EN
[54] **SUPPORT APPARATUS**
[54] **APPAREIL DE SUPPORT**
[72] SAPPER, RICHARD, IT
[72] SNYDER, RONALD, US
[73] KNOLL, INC., US
[73] SAPPER, RICHARD, ZZ
[73] SNYDER, RONALD, ZZ
[85] 2012-11-30
[86] 2011-06-08 (PCT/US2011/039587)
[87] (WO2011/156462)
[30] US (61/353,714) 2010-06-11
[30] US (13/153,316) 2011-06-03

---

[11] 2,801,489
[13] A1
[51] **Int.Cl. A61B 3/14 (2006.01) A61B 3/10 (2006.01) A61B 3/13 (2006.01) A61F 9/008 (2006.01) A61G 15/02 (2006.01)**
[25] EN
[54] **IMAGE-GUIDED DOCKING FOR OPHTHALMIC SURGICAL SYSTEMS**
[54] **ARRIMAGE GUIDE PAR IMAGE POUR SYSTEMES CHIRURGICAUX OPHTALMIQUES**
[72] JUHASZ, ADAM, US
[72] VARDIN, KOSTADIN, US
[73] ALCON LENSX, INC., US
[73] JUHASZ, ADAM, ZZ
[73] VARDIN, KOSTADIN, ZZ
[85] 2012-12-03
[86] 2011-06-13 (PCT/US2011/040223)
[87] (WO2011/159627)
[30] US (12/815,179) 2010-06-14

---

[11] 2,802,339
[13] A1
[51] **Int.Cl. C08K 5/00 (2006.01) C08K 5/10 (2006.01) C11C 3/04 (2006.01)**
[25] EN
[54] **PURIFIED ACETYLATED DERIVATIVES OF CASTOR OIL AND COMPOSITIONS INCLUDING SAME**
[54] **DERIVES ACETYLES PURIFIES D'HUILE DE RICIN ET COMPOSITIONS CONTENANT LESDITS DERIVES**
[72] CHAUDHARY, BHARAT I., US
[72] SCZEKALLA, BEATE, DE
[72] GHOSH-DASTIDAR, ABHIJIT, US
[72] CHENG, YANG, US
[72] TATAKE, PRASHANT, IN
[72] COLLINS, RAYMOND M., US
[73] DOW GLOBAL TECHNOLOGIES LLC, US
[73] CHAUDHARY, BHARAT I., ZZ
[73] SCZEKALLA, BEATE, ZZ
[73] GHOSH-DASTIDAR, ABHIJIT, ZZ
[73] CHENG, YANG, ZZ
[73] TATAKE, PRASHANT, ZZ
[73] COLLINS, RAYMOND M., ZZ
[85] 2012-12-11
[86] 2011-06-23 (PCT/US2011/041557)
[87] (WO2011/163434)
[30] US (12/821,556) 2010-06-23

---

[11] 2,804,915
[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **IMIDAZOPYRIDINE DERIVATIVES, PROCESS FOR THE PREPARATION THEREOF AND THERAPEUTIC USE THEREOF**
[54] **DERIVES DE L'IMIDAZOPYRIDINE, PROCEDE POUR LEUR PREPARATION, ET LEUR UTILISATION THERAPEUTIQUE**
[72] ALCOUFFE, CHANTAL, FR
[72] KIRSCH, REINHARD, FR
[72] HERBERT, CORENTIN, FR
[72] LASSALE, GILBERT, FR
[73] SANOFI, FR
[73] ALCOUFFE, CHANTAL, ZZ
[73] KIRSCH, REINHARD, ZZ
[73] HERBERT, CORENTIN, ZZ
[73] LASSALE, GILBERT, ZZ
[85] 2012-12-17
[86] 2011-07-04 (PCT/IB2011/052954)
[87] (WO2012/004732)
[30] FR (1055475) 2010-07-06

[11] **2,804,941**
[13] A1
[51] **Int.Cl. G01N 1/22 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR DETECTING EXPLOSIVE-SUBSTANCE PARTICLES IN A GAS FLOW**
[54] **PROCEDE ET DISPOSITIF DE DETECTION DE PARTICULES D'EXPLOSIF DANS UN FLUX GAZEUX**
[72] BEER, SEBASTIAN, DE
[72] ZIEMANN, THOMAS, DE
[72] FRIEDBERGER, ALOIS, DE
[73] BEER, SEBASTIAN, ZZ
[73] ZIEMANN, THOMAS, ZZ
[73] FRIEDBERGER, ALOIS, ZZ
[73] SPHEREA GMBH, DE
[85] 2013-01-10
[86] 2011-06-17 (PCT/DE2011/001309)
[87] (WO2012/010123)
[30] DE (10 2010 027 074.1) 2010-07-13

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[11] **2,805,065**
[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **INDOLIZINE DERIVATIVES, PROCESS FOR THE PREPARATION THEREOF AND THERAPEUTIC USE THEREOF**
[54] **DERIVES DE L'INDOLIZINE, PROCEDE POUR LEUR PREPARATION, ET LEUR UTILISATION THERAPEUTIQUE**
[72] ALCOUFFE, CHANTAL, FR
[72] HERBERT, CORENTIN, FR
[72] LASSALLE, GILBERT, FR
[73] SANOFI, FR
[73] ALCOUFFE, CHANTAL, ZZ
[73] HERBERT, CORENTIN, ZZ
[73] LASSALLE, GILBERT, ZZ
[85] 2012-12-18
[86] 2011-07-04 (PCT/IB2011/052953)
[87] (WO2012/004731)
[30] FR (1055477) 2010-07-06

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[11] **2,805,119**
[13] A1
[51] **Int.Cl. A61F 13/02 (2006.01) A61B 17/08 (2006.01) A61M 1/00 (2006.01)**
[25] EN
[54] **INFLATABLE OFF-LOADING WOUND DRESSING ASSEMBLIES, SYSTEMS, AND METHODS**
[54] **ENSEMBLES DE PANSEMENT DE PLAIE A DECHARGEMENT GONFLABLE, SYSTEMES, ET PROCEDES**
[72] ROBINSON, TIMOTHY MARK, GB
[72] LOCKE, CHRISTOPHER BRIAN, GB
[72] COULTHARD, RICHARD DANIEL JOHN, GB
[73] KCI LICENSING, INC., US
[73] ROBINSON, TIMOTHY MARK, ZZ
[73] LOCKE, CHRISTOPHER BRIAN, ZZ
[73] COULTHARD, RICHARD DANIEL JOHN, ZZ
[85] 2013-01-10
[86] 2011-07-15 (PCT/US2011/044196)
[87] (WO2012/012288)
[30] US (61/365,614) 2010-07-19
[30] US (61/407,194) 2010-10-27
[30] US (61/418,730) 2010-12-01

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[11] **2,805,219**
[13] A1
[51] **Int.Cl. C07D 231/18 (2006.01) A61K 31/415 (2006.01) A61K 31/4155 (2006.01) A61P 25/22 (2006.01) A61P 25/24 (2006.01) A61P 43/00 (2006.01) C07D 231/20 (2006.01) C07D 231/38 (2006.01) C07D 405/06 (2006.01) C07D 493/08 (2006.01)**
[25] EN
[54] **PYRAZOLE COMPOUND**
[54] **COMPOSE DE PYRAZOLE**
[72] SASAKI, IZUMI, JP
[72] TOYODA, TOMOHIRO, JP
[72] YOSHINAGA, HIDEFUMI, JP
[72] NATSUTANI, ITARU, JP
[72] TAKAHASHI, YOKO, JP
[73] SASAKI, IZUMI, ZZ
[73] TOYODA, TOMOHIRO, ZZ
[73] YOSHINAGA, HIDEFUMI, ZZ
[73] NATSUTANI, ITARU, ZZ
[73] TAKAHASHI, YOKO, ZZ
[73] SUMITOMO DAINIPPON PHARMA CO., LTD., JP
[85] 2013-01-11
[86] 2011-07-14 (PCT/JP2011/066091)
[87] (WO2012/008528)
[30] JP (2010-160705) 2010-07-15

---

[11] **2,805,944**
[13] A1
[51] **Int.Cl. B61D 17/10 (2006.01)**
[25] EN
[54] **FLOOR FOR A RAIL VEHICLE**
[54] **PLANCHER POUR VEHICULES SUR RAIL**
[72] GREGORITS, KERSTIN, AT
[73] SIEMENS AG OESTERREICH, AT
[73] GREGORITS, KERSTIN, ZZ
[85] 2013-01-18
[86] 2011-06-01 (PCT/EP2011/059060)
[87] (WO2012/010362)
[30] AT (A1236/2010) 2010-07-22

---

[11] **2,806,384**
[13] A1
[51] **Int.Cl. B65D 83/48 (2006.01)**
[25] EN
[54] **HIGH FLOW AEROSOL VALVE**
[54] **SOUPAPE D'AEROSOL A DEBIT ELEVE**
[72] DAVIDEIT, DANIEL E., US
[72] VERVILLE, KEVIN, US
[73] SUMMIT PACKAGING SYSTEMS, INC., US
[73] DAVIDEIT, DANIEL E., ZZ
[73] VERVILLE, KEVIN, ZZ
[85] 2013-01-22
[86] 2011-08-16 (PCT/US2011/047908)
[87] (WO2012/024290)
[30] US (12/859,078) 2010-08-18

---

[11] **2,806,503**
[13] A1
[51] **Int.Cl. B29C 45/04 (2006.01) B29C 45/17 (2006.01)**
[25] EN
[54] **TURNING PLATE INJECTION MOLDING MACHINE COMPRISING A DECENTRALIZED CONTROL DEVICE**
[54] **MACHINE DE MOULAGE PAR INJECTION A PLAQUES REVERSIBLES MUNIE D'UN APPAREIL DE COMMANDE ET DE REGULATION DECENTRALISE**
[72] ARLT, MANFRED, DE
[73] ARLT, MANFRED, ZZ
[73] KRAUSSMAFFEI TECHNOLOGIES GMBH, DE
[85] 2013-01-24
[86] 2011-08-24 (PCT/EP2011/064524)
[87] (WO2012/025556)
[30] DE (102010035409.0) 2010-08-25

[11] 2,806,768
[13] A1
[51] **Int.Cl. G06F 8/30 (2018.01) G06F 8/61 (2018.01) G06F 21/00 (2013.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR EFFICIENTLY DEPLOYING MASSIVELY DIVERSE PROGRAM INSTANCES TO RESIST DIFFERENTIAL ATTACKS**
[54] **SYSTEME ET PROCEDE DE DEPLOIEMENT EFFICACE D'INSTANCES DE PROGRAMME MASSIVEMENT DIFFERENTES PERMETTANT DE LUTTER CONTRE LES ATTAQUES DIFFERENTIELLES**
[72] DURAND, ROBERT, CA
[72] LIEM, CLIFFORD, CA
[72] EISEN, PHILIP ALLAN, CA
[73] DURAND, ROBERT, CA
[73] LIEM, CLIFFORD, CA
[73] EISEN, PHILIP ALLAN, CA
[73] IRDETO B.V., NL
[85] 2013-01-28
[86] 2010-07-29 (PCT/CA2010/001168)
[87] (WO2012/012861)

---

[11] 2,806,926
[13] A1
[51] **Int.Cl. A01F 25/14 (2006.01) B65D 81/20 (2006.01) B65D 81/26 (2006.01) B65D 88/10 (2006.01)**
[25] EN
[54] **VACUUM DEBRIS COLLECTION BOX HAVING SLOPED DEBRIS CHUTE**
[54] **BOITE A VIDE DE COLLECTE DE DEBRIS PRESENTANT UNE GOULOTTE INCLINEE POUR DEBRIS**
[72] BOOS, SCOTT F., US
[72] BROWN, IAN ELLMAN, US
[73] BLASTERS TECHNOLOGIES, LLC, US
[73] BOOS, SCOTT F., ZZ
[73] BROWN, IAN ELLMAN, ZZ
[85] 2013-01-23
[86] 2011-07-25 (PCT/US2011/045142)
[87] (WO2012/012792)
[30] US (12/842,533) 2010-07-23

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[11] 2,807,246
[13] A1
[51] **Int.Cl. H01J 49/26 (2006.01) H01J 49/04 (2006.01) H01J 49/06 (2006.01)**
[25] EN
[54] **A LINEAR ION TRAP FOR RADIAL AMPLITUDE ASSISTED TRANSFER**
[54] **PIEGE A IONS LINEAIRE POUR TRANSFERT ASSISTE A AMPLITUDE RADIALE**
[72] LOBODA, ALEXANDRE V., CA
[73] DH TECHNOLOGIES DEVELOPMENT PTE. LTD., SG
[73] LOBODA, ALEXANDRE V., CA
[85] 2013-02-01
[86] 2011-08-03 (PCT/CA2011/000889)
[87] (WO2012/016330)
[30] US (61/370,492) 2010-08-04

---

[11] 2,807,957
[13] A1
[51] **Int.Cl. H04N 19/13 (2014.01)**
[25] EN
[54] **IMAGE CODING AND DECODING USING SHARED CONTEXTS FOR PROCESSING BLOCKS OF DIFFERENT SIZES**
[54] **CODAGE ET DECODAGE D'IMAGE AU MOYEN DE CONTEXTES PARTAGES EN VUE DU TRAITEMENT EN BLOCS DE DIFFERENTES TAILLES**
[72] SASAI, HISAO, JP
[72] NISHI, TAKAHIRO, JP
[72] SHIBAHARA, YOUJI, JP
[72] SUGIO, TOSHIYASU, JP
[73] SASAI, HISAO, ZZ
[73] NISHI, TAKAHIRO, ZZ
[73] SHIBAHARA, YOUJI, ZZ
[73] SUGIO, TOSHIYASU, ZZ
[73] SUN PATENT TRUST, US
[85] 2013-02-08
[86] 2012-01-12 (PCT/JP2012/000148)
[87] (WO2012/096178)
[30] US (61/431,912) 2011-01-12

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[11] 2,808,127
[13] A1
[51] **Int.Cl. B21D 41/02 (2006.01) B21D 39/20 (2006.01) B29C 57/04 (2006.01) F16L 13/14 (2006.01)**
[25] EN
[54] **TOOL AND METHOD FOR EXPANDING A PIPE END**
[54] **OUTIL ET PROCEDE D'AGRANDISSEMENT D'UNE EXTREMITE DE TUYAU**
[72] LUNDEQUIST, YNGVE, SE
[72] PERSSON, HAKAN, SE
[72] SUNDQVIST BYHLIN, ERIKA, SE
[72] BACKLUND, JOHAN, SE
[73] UPONOR INNOVATION AB, SE
[73] LUNDEQUIST, YNGVE, ZZ
[73] PERSSON, HAKAN, ZZ
[73] SUNDQVIST BYHLIN, ERIKA, ZZ
[73] BACKLUND, JOHAN, ZZ
[85] 2013-02-12
[86] 2011-08-11 (PCT/EP2011/063817)
[87] (WO2012/022665)
[30] EP (10172913.5) 2010-08-16

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[11] 2,809,358
[13] A1
[51] **Int.Cl. A63B 21/00 (2006.01) A63B 23/02 (2006.01)**
[25] EN
[54] **SUSPENSION TRAINING EXERCISE DEVICE**
[54] **DISPOSITIF D'EXERCICES D'ENTRAINEMENT PAR SUSPENSION**
[72] HINDS, JON, US
[72] POLINSKY, GLENN, US
[72] ROLLINS, RAY, US
[72] DORSEY, KEVIN, US
[73] POLINSKY, GLENN, ZZ
[73] ROLLINS, RAY, ZZ
[73] DORSEY, KEVIN, ZZ
[73] LIFELINE PRODUCTS, LLC, US
[85] 2013-02-25
[86] 2011-08-23 (PCT/US2011/048814)
[87] (WO2012/027371)
[30] US (61/376,446) 2010-08-24
[30] US (61/429,486) 2011-01-04

[11] **2,809,761**
[13] A1
[51] **Int.Cl. A61M 16/08 (2006.01) B29C 45/16 (2006.01)**
[25] EN
[54] **OVERMOLDED MANIFOLD O-RING**
[54] **JOINT TORIQUE AVEC COLLECTEUR SURMOULE**
[72] BREWER, JOHN, US
[72] MORRIS, CASSANDRA E., US
[73] BREWER, JOHN, ZZ
[73] MORRIS, CASSANDRA E., ZZ
[73] AVENT, INC., US
[85] 2013-02-27
[86] 2011-09-09 (PCT/IB2011/053959)
[87] (WO2012/042414)
[30] US (12/891,957) 2010-09-28

---

[11] **2,810,791**
[13] A1
[51] **Int.Cl. E04C 1/00 (2006.01) B28B 7/22 (2006.01) B28B 23/22 (2006.01)**
[25] EN
[54] **COMPOSITE MASONRY BLOCK AND METHOD OF MAKING THE SAME**
[54] **BLOC DE MACONNERIE COMPOSITE ET METHODE DE PRODUCTION CONNEXE**
[72] VONDROSS, KERRY, US
[73] VONDROSS, KERRY, US
[86] (2810791)
[87] (2810791)
[22] 2013-03-28
[30] US (61/617,156) 2012-03-29
[30] US (13/850,659) 2013-03-26

---

[11] **2,811,449**
[13] A1
[51] **Int.Cl. B65B 3/06 (2006.01) B65G 69/04 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DISTRIBUTING ARTICLES IN A STORAGE COMPARTMENT**
[54] **PROCEDE ET APPAREIL DE DISTRIBUTION D'ARTICLES DANS UN COMPARTIMENT DE STOCKAGE**
[72] PAPE, HENRIK, DK
[73] PAPE, HENRIK, ZZ
[73] SCHUR TECHNOLOGY A/S, DK
[85] 2013-03-15
[86] 2011-08-30 (PCT/EP2011/064913)
[87] (WO2012/034850)
[30] US (12/885,240) 2010-09-17

---

[11] **2,811,516**
[13] A1
[51] **Int.Cl. D21F 1/32 (2006.01) D21G 9/00 (2006.01) G01M 3/02 (2006.01) G01N 15/08 (2006.01) G01N 22/00 (2006.01)**
[25] EN
[54] **HAND-HELD APPARATUS FOR CONTROLLING THE CONDITION OF A CIRCULATING BAND IN A PAPERMAKING MACHINE**
[54] **APPAREIL PORTATIF PERMETTANT DE CONTROLER LA CONDITION D'UNE BANDE EN CIRCULATION DANS UNE MACHINE A PAPIER**
[72] CANALI, LUCA, IT
[72] CRISTINI, GIOVANNI, IT
[73] S.A. GIUSEPPE CRISTINI S.P.A., IT
[73] CANALI, LUCA, ZZ
[73] CRISTINI, GIOVANNI, ZZ
[85] 2013-03-15
[86] 2011-09-19 (PCT/IB2011/054096)
[87] (WO2012/035521)
[30] IT (MI2010A001698) 2010-09-17

---

[11] **2,811,530**
[13] A1
[51] **Int.Cl. C25F 1/00 (2006.01) C25F 5/00 (2006.01)**
[25] EN
[54] **PROCESS FOR REMOVING A COATING FROM WORKPIECES**
[54] **PROCEDE DE DECAPAGE DE PIECES**
[72] KOSTNER, MIRCO, ELIAS, AT
[72] RAUCH, UDO, AT
[73] KOSTNER, MIRCO, ELIAS, ZZ
[73] RAUCH, UDO, ZZ
[73] OERLIKON SURFACE SOLUTIONS AG, PFAFFIKON, CH
[85] 2013-03-18
[86] 2011-09-22 (PCT/EP2011/004739)
[87] (WO2012/038083)
[30] DE (10 2010 046 372.8) 2010-09-24

---

[11] **2,812,456**
[13] A1
[51] **Int.Cl. A01C 23/00 (2006.01)**
[25] EN
[54] **STORAGE TANK SUMP ARRANGEMENT FOR AN AGRICULTURAL IMPLEMENT**
[54] **ENSEMBLE DE PUISARD DE RESERVOIR DE STOCKAGE POUR UN INSTRUMENT ARATOIRE**
[72] BLUNIER, TIMOTHY R., US
[73] BLUNIER, TIMOTHY R., ZZ
[73] CNH INDUSTRIAL AMERICA LLC, US
[86] (2812456)
[87] (2812456)
[22] 2013-04-15
[30] US (13/604,702) 2012-09-06

---

[11] **2,812,531**
[13] A1
[51] **Int.Cl. B65D 65/42 (2006.01) B32B 29/00 (2006.01) B65B 55/02 (2006.01) D21H 19/44 (2006.01) D21H 21/14 (2006.01)**
[25] EN
[54] **A METHOD OF PRODUCING A PACKAGING MATERIAL FOR A RETORTABLE PACKAGE**
[54] **PROCEDE DE FABRICATION D'UN MATERIAU D'EMBALLAGE POUR UN EMBALLAGE SOUPLE**
[72] OLSSON, ASA, SE
[73] TETRA LAVAL HOLDINGS & FINANCE S.A., CH
[73] OLSSON, ASA, ZZ
[85] 2013-03-25
[86] 2011-08-05 (PCT/SE2011/050978)
[87] (WO2012/044229)
[30] SE (1000964-5) 2010-09-28

[11] **2,812,804**
[13] A1
[51] **Int.Cl. G07B 15/06 (2011.01)**
[25] EN
[54] **ELECTRONIC TOLL COLLECTION TRANSPONDER ORIENTATION DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE D'ORIENTATION D'UN TRANSPONDEUR DE COLLECTE DE PEAGE ELECTRONIQUE**
[72] TURNOCK, RICHARD, CA
[73] KAPSCH TRAFFICCOM AG, AT
[73] TURNOCK, RICHARD, CA
[85] 2013-03-27
[86] 2011-12-14 (PCT/AT2011/050043)
[87] (WO2012/079106)
[30] US (12/972,164) 2010-12-17

---

[11] **2,813,094**
[13] A1
[51] **Int.Cl. A61K 8/35 (2006.01) A61K 8/37 (2006.01) A61K 8/40 (2006.01) A61K 8/86 (2006.01) A61Q 17/04 (2006.01)**
[25] EN
[54] **A SUNSCREEN COMPOSITION**
[54] **COMPOSITION D'ECRAN SOLAIRE**
[72] DUGGAL, CHARU, IN
[72] GAURAV, KUMAR, IN
[72] RAUT, JANHAVI SANJAY, IN
[73] UNILEVER PLC, GB
[73] DUGGAL, CHARU, ZZ
[73] GAURAV, KUMAR, ZZ
[73] RAUT, JANHAVI SANJAY, ZZ
[85] 2013-03-28
[86] 2011-09-12 (PCT/EP2011/065756)
[87] (WO2012/048972)
[30] IN (2830/MUM/2010) 2010-10-12
[30] EP (10192532.9) 2010-11-25

---

[11] **2,814,318**
[13] A1
[51] **Int.Cl. A63H 33/06 (2006.01)**
[25] EN
[54] **A TOY BUILDING SET**
[54] **ENSEMBLE DE CONSTRUCTION DE JOUET**
[72] ROTTJER, CHRISTOPH, DE
[72] MANOVI, CERIM, DE
[72] RAUNDAHL, CHRISTOFFER, DK
[73] LEGO A/S, DK
[73] ROTTJER, CHRISTOPH, ZZ
[73] MANOVI, CERIM, ZZ
[73] RAUNDAHL, CHRISTOFFER, ZZ
[85] 2013-04-10
[86] 2011-10-20 (PCT/EP2011/068332)
[87] (WO2012/052509)
[30] DK (PA 2010 00962) 2010-10-22

---

[11] **2,816,402**
[13] A1
[51] **Int.Cl. A01M 31/06 (2006.01) B63B 21/24 (2006.01) B63B 22/04 (2006.01)**
[25] EN
[54] **DECOY ANCHOR ASSEMBLY**
[54] **ENSEMBLE ANCRE DE LEURRE**
[72] PATERNOSTRO, CARLO, US
[73] PATERNOSTRO, CARLO, US
[85] 2013-04-29
[86] 2011-04-20 (PCT/US2011/000700)
[87] (WO2012/057814)
[30] US (12/925,823) 2010-10-28

---

[11] **2,817,063**
[13] A1
[51] **Int.Cl. B60G 17/052 (2006.01) B60G 17/044 (2006.01) B60G 17/048 (2006.01)**
[25] EN
[54] **AIR SPRING HAVING WIRELESS MICRO AND NANO SENSORS**
[54] **RESSORT PNEUMATIQUE PRESENTANT DES MICROCAPTEURS ET NANOCAPTEURS SANS FIL**
[72] RENSEL, JOHN D., US
[72] WILSON, PAUL B., US
[73] BRIDGESTONE AMERICAS TIRE OPERATIONS, LLC, US
[73] RENSEL, JOHN D., ZZ
[73] WILSON, PAUL B., ZZ
[85] 2013-05-06
[86] 2011-11-07 (PCT/US2011/059510)
[87] (WO2012/064625)
[30] US (12/943,999) 2010-11-11

---

[11] **2,818,363**
[13] A1
[51] **Int.Cl. F41F 1/00 (2006.01) F41B 11/80 (2013.01) B63C 9/22 (2006.01) B63C 9/26 (2006.01)**
[25] EN
[54] **RESCUE AND RETRIEVAL APPARATUS AND SYSTEM AND METHOD OF USING SAME**
[54] **APPAREIL DE SAUVETAGE ET DE RECUPERATION ET SYSTEME ET PROCEDE PERMETTANT D'UTILISER CELUI-CI**
[72] MACRI, JOHN G., US
[72] ROBBINS, PETER L., US
[72] SINDLE, THOMAS J., US
[73] MACRI, JOHN G., US
[73] ROBBINS, PETER L., US
[73] SINDLE, THOMAS J., ZZ
[85] 2013-05-16
[86] 2011-11-18 (PCT/US2011/061459)
[87] (WO2012/068497)
[30] US (61/458,196) 2010-11-19

---

[11] **2,818,655**
[13] A1
[51] **Int.Cl. B60J 5/14 (2006.01) E05D 13/00 (2006.01) E05D 15/16 (2006.01) E06B 3/48 (2006.01)**
[25] EN
[54] **HINGED BOTTOM ROLLER ASSEMBLY AND COUNTERBALANCE MECHANISM FOR OVERHEAD DOOR**
[54] **ENSEMBLE GALET INFERIEUR ARTICULE ET MECANISME DE CONTREPOIDS POUR UNE PORTE BASCULANTE**
[72] EHRLICH, RODNEY P., US
[73] WABASH NATIONAL, L.P., US
[73] EHRLICH, RODNEY P., ZZ
[85] 2013-05-21
[86] 2011-11-21 (PCT/US2011/061711)
[87] (WO2012/071347)
[30] US (61/416,107) 2010-11-22

[11] **2,820,097**
[13] A1
[51] **Int.Cl. B01D 53/10 (2006.01) B01J 20/12 (2006.01)**
[25] EN
[54] **FLUE GAS SCRUBBING**
[54] **LAVAGE DE GAZ DE COMBUSTION**
[72] WANG, ZHEN, US
[73] AMCOL INTERNATIONAL CORPORATION, US
[73] WANG, ZHEN, ZZ
[85] 2013-06-04
[86] 2011-08-05 (PCT/US2011/046726)
[87] (WO2012/106007)
[30] US (13/017,539) 2011-01-31

---

[11] **2,820,684**
[13] A1
[51] **Int.Cl. A61J 1/00 (2006.01) A61B 50/10 (2016.01) A61B 50/30 (2016.01) A61G 12/00 (2006.01) A61J 7/00 (2006.01) F25D 29/00 (2006.01)**
[25] EN
[54] **COMPUTER CONTROLLED AND MONITORED MEDICAL STORAGE SYSTEM**
[54] **SYSTEME DE STOCKAGE MEDICAL CONTROLE ET SUIVI PAR ORDINATEUR**
[72] PAYDAR, AKBAR, US
[72] KIM, STANLEY, US
[72] CHAI, ANDREW, US
[73] OMNICELL, INC., US
[73] PAYDAR, AKBAR, ZZ
[73] KIM, STANLEY, ZZ
[73] CHAI, ANDREW, ZZ
[85] 2013-06-03
[86] 2011-12-06 (PCT/US2011/063505)
[87] (WO2012/078611)
[30] US (61/420,262) 2010-12-06

---

[11] **2,820,852**
[13] A1
[51] **Int.Cl. B08B 9/093 (2006.01) B01J 19/00 (2006.01) B08B 9/055 (2006.01)**
[25] EN
[54] **CLEANING OF PROCESS EQUIPMENT**
[54] **NETTOYAGE D'EQUIPEMENT DE TRAITEMENT**
[72] MCGREGOR, CRAIG, ZA
[72] RHAMDHANI, UMESH, ZA
[72] BLANN, KEVIN, ZA
[72] ZOGG, MICHAEL JOSEPH, JR., US
[72] BOIT, KIPCHIRCHIR ANDREW, US
[72] GAMBREL, TIMOTHY WAYNE, US
[73] SASOL TECHNOLOGY (PROPRIETARY) LIMITED, ZA
[73] MCGREGOR, CRAIG, ZZ
[73] RHAMDHANI, UMESH, ZZ
[73] BLANN, KEVIN, ZZ
[73] ZOGG, MICHAEL JOSEPH, JR., ZZ
[73] BOIT, KIPCHIRCHIR ANDREW, ZZ
[73] GAMBREL, TIMOTHY WAYNE, ZZ
[85] 2013-06-07
[86] 2011-11-24 (PCT/IB2011/055278)
[87] (WO2012/080876)
[30] ZA (2010/09019) 2010-12-14

---

[11] **2,823,311**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01) G06F 17/40 (2006.01)**
[25] EN
[54] **DATA IMPROVEMENT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'AMELIORATION DE DONNEES**
[72] WILSON, M. FRANK, US
[72] OLSON, LEE A., US
[72] SCHOUTEN, MATTHEW, US
[73] WABTEC HOLDING CORP., US
[73] WILSON, M. FRANK, ZZ
[73] OLSON, LEE A., ZZ
[73] SCHOUTEN, MATTHEW, ZZ
[85] 2013-06-27
[86] 2011-12-07 (PCT/US2011/063672)
[87] (WO2012/094090)
[30] US (12/986,482) 2011-01-07

---

[11] **2,823,497**
[13] A1
[51] **Int.Cl. B23P 15/04 (2006.01) B23K 20/18 (2006.01) B21D 53/78 (2006.01) B23K 20/02 (2006.01) F01D 5/14 (2006.01) F04D 29/38 (2006.01)**
[25] FR
[54] **METHOD FOR CREATING A METAL REINFORCEMENT**
[54] **PROCEDE DE REALISATION D'UN RENFORT METALLIQUE**
[72] FRANCHET, JEAN-MICHEL PATRICK MAURICE, FR
[72] KLEIN, GILLES CHARLES CASIMIR, FR
[72] LECONTE, GILBERT MICHEL MARIN, FR
[72] MAGNAUDEIX, DOMINIQUE, FR
[73] SNECMA, FR
[73] FRANCHET, JEAN-MICHEL PATRICK MAURICE, ZZ
[73] KLEIN, GILLES CHARLES CASIMIR, ZZ
[73] LECONTE, GILBERT MICHEL MARIN, ZZ
[73] MAGNAUDEIX, DOMINIQUE, ZZ
[85] 2013-06-28
[86] 2011-12-09 (PCT/FR2011/052921)
[87] (WO2012/095574)
[30] FR (1150167) 2011-01-10

---

[11] **2,823,539**
[13] A1
[51] **Int.Cl. B01D 53/26 (2006.01) F25B 21/02 (2006.01)**
[25] EN
[54] **THERMOELECTRIC COMPRESSED AIR AND/OR INERT GAS DRYER**
[54] **SECHOIR A AIR COMPRESSE THERMOELECTRIQUE OU A GAZ INERTE**
[72] BARNWELL, JAMES W., US
[73] BARNWELL, JAMES W., ZZ
[73] SPX FLOW TECHNOLOGY USA, INC., US
[85] 2013-06-28
[86] 2011-11-17 (PCT/US2011/061185)
[87] (WO2012/094062)
[30] US (12/985,794) 2011-01-06

[11] **2,823,754**
[13] A1
[51] **Int.Cl. D06M 13/51 (2006.01) D06M 13/513 (2006.01) D06M 13/517 (2006.01) D06M 15/643 (2006.01) D06M 15/657 (2006.01) D21H 17/13 (2006.01) D21H 17/59 (2006.01) D21H 21/16 (2006.01)**
[25] EN
[54] **METHOD FOR TREATING SUBSTRATES WITH HALOSILANES**
[54] **PROCEDE DE TRAITEMENT DE SUBSTRATS PAR DES HALOSILANES**
[72] COOK, LEON, US
[73] COOK, LEON, ZZ
[73] PETRA INTERNATIONAL HOLDINGS, LLC, US
[85] 2013-07-03
[86] 2012-01-05 (PCT/US2012/020284)
[87] (WO2012/099719)
[30] US (61/433,616) 2011-01-18

---

[11] **2,823,911**
[13] A1
[51] **Int.Cl. H04M 3/42 (2006.01) H04M 7/00 (2006.01)**
[25] EN
[54] **NETWORKING BETWEEN VOIP - AND PSTN- CALLS**
[54] **RESEAUTAGE ENTRE APPELS VOIP ET APPELS RTCP**
[72] KAHN, ARI, US
[73] STARLOGIK IP LLC, US
[73] KAHN, ARI, ZZ
[85] 2013-07-04
[86] 2012-01-09 (PCT/IB2012/050096)
[87] (WO2012/093379)
[30] US (61/430,865) 2011-01-07

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[11] **2,824,204**
[13] A1
[51] **Int.Cl. H02P 9/00 (2006.01) F03D 7/00 (2006.01) H02H 9/04 (2006.01) H02J 3/38 (2006.01) H02K 7/18 (2006.01) H02P 9/10 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING A DUAL-FED INDUCTION GENERATOR IN RESPONSE TO HIGH-VOLTAGE GRID EVENTS**
[54] **SYSTEME ET PROCEDE POUR REGULER UN GENERATEUR A INDUCTION A DOUBLE ALIMENTATION EN REACTION A DES EVENEMENTS DE RESEAU HAUTE TENSION**
[72] LARSEN, EINAR VAUGHN, US
[72] KLODOWSKI, ANTHONY MICHAEL, US
[72] BARKER, SIDNEY ALLEN, US
[73] GENERAL ELECTRIC COMPANY, US
[73] LARSEN, EINAR VAUGHN, ZZ
[73] KLODOWSKI, ANTHONY MICHAEL, ZZ
[73] BARKER, SIDNEY ALLEN, ZZ
[86] (2824204)
[87] (2824204)
[22] 2013-08-22
[30] US (13/600,730) 2012-08-31

---

[11] **2,824,287**
[13] A1
[51] **Int.Cl. G09G 5/00 (2006.01) H04L 12/951 (2013.01) G06F 3/03 (2006.01)**
[25] EN
[54] **USER INPUT BACK CHANNEL FOR WIRELESS DISPLAYS**
[54] **CANAL DE RETOUR D'ENTREE D'UTILISATEUR POUR ECRANS SANS FIL**
[72] RAVEENDRAN, VIJAYALAKSHMI R., US
[72] HUANG, XIAOLONG, US
[72] WANG, XIAODONG, US
[72] SHAUKAT, FAWAD, US
[73] QUALCOMM INCORPORATED, US
[73] RAVEENDRAN, VIJAYALAKSHMI R., ZZ
[73] HUANG, XIAOLONG, ZZ
[73] WANG, XIAODONG, ZZ
[73] SHAUKAT, FAWAD, ZZ
[85] 2013-07-09
[86] 2012-01-20 (PCT/US2012/022080)
[87] (WO2012/100197)
[30] US (61/435,194) 2011-01-21
[30] US (61/447,592) 2011-02-28
[30] US (61/448,312) 2011-03-02
[30] US (61/450,101) 2011-03-07
[30] US (61/467,535) 2011-03-25
[30] US (61/467,543) 2011-03-25
[30] US (61/514,863) 2011-08-03
[30] US (61/544,440) 2011-10-07
[30] US (13/344,424) 2012-01-05

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[11] **2,824,379**
[13] A1
[51] **Int.Cl. F01D 5/30 (2006.01)**
[25] FR
[54] **FAN ROTOR AND ASSOCIATED TURBOJET ENGINE**
[54] **ROTOR DE SOUFFLANTE ET TURBOREACTEUR ASSOCIE**
[72] PERDRIGEON, CHRISTOPHE, FR
[72] JABLONSKI, LAURENT, FR
[72] JOLY, PHILIPPE GERARD EDMOND, FR
[73] SNECMA, FR
[73] PERDRIGEON, CHRISTOPHE, ZZ
[73] JABLONSKI, LAURENT, ZZ
[73] JOLY, PHILIPPE GERARD EDMOND, ZZ
[85] 2013-07-10
[86] 2012-02-20 (PCT/FR2012/050357)
[87] (WO2012/114032)
[30] FR (1151401) 2011-02-21

[11] 2,825,165
[13] A1
[51] **Int.Cl. A61K 31/485 (2006.01) A61P 3/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **THERAPEUTIC OR PROPHYLACTIC AGENT FOR CACHEXIA**
[54] **AGENT THERAPEUTIQUE OU PROPHYLACTIQUE POUR LA CACHEXIE**
[72] SUZUKI, TOMOHIKO, JP
[72] YOSHIZAWA, YOSHITAKA, JP
[72] HIRAKATA, MIKITO, JP
[73] TORAY INDUSTRIES, INC., JP
[73] SUZUKI, TOMOHIKO, ZZ
[73] YOSHIZAWA, YOSHITAKA, ZZ
[73] HIRAKATA, MIKITO, ZZ
[85] 2013-07-18
[86] 2012-01-30 (PCT/JP2012/051937)
[87] (WO2012/105475)
[30] JP (2011-018021) 2011-01-31

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[11] 2,825,420
[13] A1
[51] **Int.Cl. H02P 31/00 (2006.01) E02F 3/04 (2006.01)**
[25] EN
[54] **HYBRID ELECTRIC SHOVEL**
[54] **PELLE ELECTRIQUE HYBRIDE**
[72] EMERSON, MARK, US
[73] HARNISCHFEGER TECHNOLOGIES, INC., US
[73] EMERSON, MARK, ZZ
[85] 2013-07-23
[86] 2011-01-26 (PCT/US2011/022544)
[87] (WO2012/102713)

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[11] 2,826,980
[13] A1
[51] **Int.Cl. B65B 43/54 (2006.01) B65B 43/50 (2006.01) B65G 47/86 (2006.01) B65H 5/14 (2006.01)**
[25] EN
[54] **GRIP WIDTH ADJUSTING MECHANISM**
[54] **MECANISME DE REGLAGE DE LARGEUR DE POIGNEE**
[72] ISHIKAWA, SHINJI, JP
[73] ISHIKAWA, SHINJI, ZZ
[73] GENERAL PACKER CO., LTD., JP
[86] (2826980)
[87] (2826980)
[22] 2013-09-10
[30] JP (P2013-099770) 2013-05-10

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[11] 2,827,594
[13] A1
[51] **Int.Cl. G03B 35/08 (2006.01) H04W 88/02 (2009.01) H04N 5/30 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR GENERATING A STEREOSCOPIC IMAGE**
[54] **PROCEDES ET DISPOSITIFS POUR GENERER UNE IMAGE STEREOSCOPIQUE**
[72] GERIS, RYAN ALEXANDER, CA
[72] BHULLAR, AMANDEEP SINGH, CA
[72] BAKER, WILLIAM KEITH, CA
[73] BLACKBERRY LIMITED, CA
[73] GERIS, RYAN ALEXANDER, CA
[73] BHULLAR, AMANDEEP SINGH, CA
[73] BAKER, WILLIAM KEITH, CA
[86] (2827594)
[87] (2827594)
[22] 2013-09-20
[30] EP (12187499.4) 2012-10-05

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[11] 2,827,764
[13] A1
[51] **Int.Cl. B65B 43/26 (2006.01) B65B 43/12 (2006.01) B65B 43/46 (2006.01)**
[25] EN
[54] **PACKAGING MACHINE AND PROCESS**
[54] **MACHINE ET PROCEDE D'EMBALLAGE**
[72] CHUBA, LARRY, US
[73] AUTOMATED PACKAGING SYSTEMS, INC., US
[73] CHUBA, LARRY, ZZ
[85] 2013-08-19
[86] 2011-05-09 (PCT/US2011/035687)
[87] (WO2012/115672)
[30] US (61/444,902) 2011-02-21

---

[11] 2,828,388
[13] A1
[51] **Int.Cl. B22F 3/15 (2006.01) C22C 47/04 (2006.01) C22C 47/06 (2006.01)**
[25] FR
[54] **METHOD FOR MANUFACTURING AN INTEGRAL ROTATIONALLY SYMMETRICAL METAL PART INCLUDING A REINFORCEMENT CONSISTING OF CERAMIC FIBBERS**
[54] **PROCEDE POUR FABRIQUER UNE PIECE METALLIQUE DE REVOLUTION MONOBLOC INCORPORANT UN RENFORT DE FIBRES CERAMIQUES**
[72] DAMBRINE, BRUNO JACQUES GERARD, FR
[72] GODON, THIERRY, FR
[73] SNECMA, FR
[73] DAMBRINE, BRUNO JACQUES GERARD, ZZ
[73] GODON, THIERRY, ZZ
[85] 2013-08-27
[86] 2012-03-02 (PCT/FR2012/050448)
[87] (WO2012/117213)
[30] FR (1151706) 2011-03-02

---

[11] 2,830,491
[13] A1
[51] **Int.Cl. G06F 3/03 (2006.01) G06F 3/048 (2013.01)**
[25] EN
[54] **MANIPULATING GRAPHICAL OBJECTS IN A MULTI-TOUCH INTERACTIVE SYSTEM**
[54] **MANIPULATION D'OBJETS GRAPHIQUES DANS UN SYSTEME INTERACTIF MULTITACTILE**
[72] IEPEREN, TACO VAN, CA
[72] HILL, DOUGLAS BLAIR, CA
[73] SMART TECHNOLOGIES ULC, CA
[73] IEPEREN, TACO VAN, CA
[73] HILL, DOUGLAS BLAIR, CA
[85] 2013-09-17
[86] 2012-03-30 (PCT/CA2012/000303)
[87] (WO2012/129670)
[30] US (61/470,420) 2011-03-31

[11] **2,833,302**
[13] A1
[51] **Int.Cl. H04N 19/52 (2014.01) H04N 19/176 (2014.01) H04N 19/587 (2014.01)**
[25] EN
[54] **MOTION VECTOR PREDICTION IN VIDEO CODING**
[54] **PREVISION DE VECTEUR DE MOUVEMENT DANS UN CODAGE VIDEO**
[72] CHEN, YING, US
[72] CHEN, PEISONG, US
[72] KARCZEWICZ, MARTA, US
[73] QUALCOMM INCORPORATED, US
[73] CHEN, YING, ZZ
[73] CHEN, PEISONG, ZZ
[73] KARCZEWICZ, MARTA, ZZ
[85] 2013-10-15
[86] 2012-04-20 (PCT/US2012/034508)
[87] (WO2012/145663)
[30] US (61/477,561) 2011-04-20
[30] US (61/512,765) 2011-07-28
[30] US (13/451,161) 2012-04-19

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[11] **2,833,453**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CLASSIFYING RELEVANT COMPETITORS**
[54] **SYSTEME ET PROCEDE POUR CLASSER DES COMPETITEURS PERTINENTS**
[72] PIERZCHALSKI CARVALHO, RODRIGO, US
[73] PIERZCHALSKI CARVALHO, RODRIGO, ZZ
[73] HOME DEPOT INTERNATIONAL, INC., US
[86] (2833453)
[87] (2833453)
[22] 2013-11-15
[30] US (61/727,063) 2012-11-15
[30] US (13/841,487) 2013-03-15

---

[11] **2,834,103**
[13] A1
[51] **Int.Cl. B65D 45/02 (2006.01) A45C 11/00 (2006.01) A45C 13/10 (2006.01) E05B 1/00 (2006.01)**
[25] EN
[54] **LATCH MECHANISM FOR FRONT OPENING LID**
[54] **MECANISME DE VERROU POUR COUVERCLE A OUVERTURE AVANT**
[72] CRULL, JEFFREY L., US
[73] SNAP-ON INCORPORATED, US
[73] CRULL, JEFFREY L., ZZ
[85] 2013-10-22
[86] 2012-06-06 (PCT/US2012/041017)
[87] (WO2012/173840)
[30] US (13/163,161) 2011-06-17

---

[11] **2,835,149**
[13] A1
[51] **Int.Cl. B62D 65/06 (2006.01) B60J 5/04 (2006.01) E05D 7/04 (2006.01)**
[25] EN
[54] **HEIGHT ADJUSTMENT DEVICE FOR TRANSIT SHAFT AND ARM ASSEMBLY**
[54] **DISPOSITIF DE REGLAGE EN HAUTEUR POUR ENSEMBLE ARBRE ET BRAS DE VEHICULE DE TRANSPORT**
[72] CHAPMAN, MATTHEW, US
[73] WABTEC HOLDING CORP., US
[73] CHAPMAN, MATTHEW, ZZ
[85] 2013-11-04
[86] 2012-09-25 (PCT/US2012/057044)
[87] (WO2013/049017)
[30] US (61/541,181) 2011-09-30

---

[11] **2,836,268**
[13] A1
[51] **Int.Cl. A61K 31/4439 (2006.01) A61K 47/30 (2006.01) A61P 41/00 (2006.01)**
[25] EN
[54] **P38 MAP KINASE INHIBITOR COMPOUNDS, PHARMACEUTICAL COMPOSITIONS AND A METHOD FOR THE PROPHYLAXIS AND TREATMENT OF THE ADHESION PROCESS**
[54] **COMPOSES INHIBITEURS DE LA P38 MAP KINASE, COMPOSITIONS PHARMACEUTIQUES ET PROCEDE DE PREVENTION ET DE TRAITEMENT DU PROCESSUS DE FORMATION D'ADHERENCES**
[72] SHURYGIN, MIKHAIL GENNADIEVICH, RU
[72] SHURYGINA, IRINA ALEKSANDROVNA, RU
[73] JOINT STOCK COMPANY "PHARMASYNTEZ", RU
[73] SHURYGIN, MIKHAIL GENNADIEVICH, ZZ
[73] SHURYGINA, IRINA ALEKSANDROVNA, ZZ
[85] 2013-11-14
[86] 2012-05-17 (PCT/IB2012/052483)
[87] (WO2012/156938)
[30] RU (RU2011119848) 2011-05-17
[30] RU (RU2011153043) 2011-12-26

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[11] **2,837,090**
[13] A1
[51] **Int.Cl. G06F 21/00 (2013.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **APPARATUS AND METHOD OF MANAGING A LICENSABLE ITEM**
[54] **APPAREIL ET PROCEDE DE GESTION D'UN ARTICLE POUVANT ETRE CONCEDE EN LICENCE**
[72] HOHLFELD, MATTHEW W., US
[72] MAHAN, MICHAEL P., US
[72] MANDYAM, GIRIDHAR D., US
[73] QUALCOMM INCORPORATED, US
[73] HOHLFELD, MATTHEW W., ZZ
[73] MAHAN, MICHAEL P., ZZ
[73] MANDYAM, GIRIDHAR D., ZZ
[85] 2013-11-21
[86] 2012-05-25 (PCT/US2012/039680)
[87] (WO2012/166642)
[30] US (13/118,684) 2011-05-31

[11] **2,837,129**
[13] A1
[51] **Int.Cl. A61K 47/40 (2006.01) A61K 9/00 (2006.01) A61K 31/724 (2006.01) A61K 47/12 (2006.01)**
[25] EN
[54] **2-IMINOBIOTIN FORMULATIONS AND USES THEREOF**
[54] **FORMULATIONS DE 2-IMINOBIOTINE ET LEURS UTILISATIONS**
[72] LEUFKENS, PAUL WILLEM THERESIA JOSEF, NL
[73] NEUROPHYXIA B.V., NL
[73] LEUFKENS, PAUL WILLEM THERESIA JOSEF, ZZ
[85] 2013-11-22
[86] 2011-05-26 (PCT/NL2011/050366)
[87] (WO2011/149349)
[30] EP (10163925.0) 2010-05-26

---

[11] **2,837,541**
[13] A1
[51] **Int.Cl. H04N 19/86 (2014.01) H04N 19/117 (2014.01) H04N 19/124 (2014.01) H04N 19/61 (2014.01)**
[25] EN
[54] **FILTERING METHOD, DECODING METHOD, AND CODING METHOD**
[54] **METHODE DE FILTRAGE, METHODE DE DECODAGE ET METHODE DE CODAGE**
[72] LIM, CHONG SOON, SG
[72] WAHADANIAH, VIKTOR, SG
[72] NAING, SUE MON THET, SG
[72] SASAI, HISAO, JP
[72] NISHI, TAKAHIRO, JP
[72] SHIBAHARA, YOUJI, JP
[72] SUGIO, TOSHIYASU, JP
[73] LIM, CHONG SOON, ZZ
[73] WAHADANIAH, VIKTOR, ZZ
[73] NAING, SUE MON THET, ZZ
[73] SASAI, HISAO, ZZ
[73] NISHI, TAKAHIRO, ZZ
[73] SHIBAHARA, YOUJI, ZZ
[73] SUGIO, TOSHIYASU, ZZ
[73] TAGIVAN II LLC, US
[85] 2013-11-27
[86] 2012-07-10 (PCT/JP2012/004460)
[87] (WO2013/011659)
[30] US (61/509,193) 2011-07-19

---

[11] **2,839,326**
[13] A1
[51] **Int.Cl. C01D 7/18 (2006.01) B01D 53/62 (2006.01) C01D 7/00 (2006.01)**
[25] EN
[54] **INTEGRATED CARBON DIOXIDE REMOVAL AND AMMONIA-SODA PROCESS**
[54] **PROCEDE D'ELIMINATION DE DIOXYDE DE CARBONE ET AMMONIAQUE-SOUDE INTEGRE**
[72] KNIESBURGES, PETER, DE
[73] KNIESBURGES, PETER, ZZ
[73] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[86] (2839326)
[87] (2839326)
[22] 2014-01-14
[30] EP (13151691.6) 2013-01-17

---

[11] **2,840,079**
[13] A1
[51] **Int.Cl. A61K 39/145 (2006.01) A61K 47/06 (2006.01) A61P 31/16 (2006.01) A61P 37/04 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING INFLUENZA**
[54] **COMPOSITIONS ET METHODES POUR TRAITER LA GRIPPE**
[72] ANDERSON, DAVID, E., US
[72] OGREL, ANDREI, CA
[72] BOCH, RONALD ERWIN, CA
[72] BAXTER, JEFF, US
[73] VARIATION BIOTECHNOLOGIES INC., CA
[73] ANDERSON, DAVID, E., ZZ
[73] OGREL, ANDREI, CA
[73] BOCH, RONALD ERWIN, CA
[73] BAXTER, JEFF, ZZ
[85] 2013-12-19
[86] 2011-07-06 (PCT/US2011/043094)
[87] (WO2012/006367)
[30] US (61/361,898) 2010-07-06
[30] US (61/431,218) 2011-01-10

---

[11] **2,841,481**
[13] A1
[51] **Int.Cl. G07B 1/00 (2006.01) G07B 5/00 (2006.01) G07B 15/00 (2011.01) E01F 13/00 (2006.01)**
[25] EN
[54] **SYSTEM TO GATHER TICKETS FROM TWO TICKET CONTAINERS**
[54] **SYSTEME SERVANT A RECUEILLIR LES BILLETS PROVENANT DE DEUX CONTENANTS DE BILLETS**
[72] EBNER, NORBERT, AT
[73] SKIDATA AG, AT
[73] EBNER, NORBERT, ZZ
[86] (2841481)
[87] (2841481)
[22] 2014-02-03
[30] EP (13154000.7) 2013-02-05

---

[11] **2,841,952**
[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **HEART VALVE REPLACEMENT**
[54] **REMPLACEMENT D'UNE VALVULE CARDIAQUE**
[72] GREGG, PETER, US
[73] BOSTON SCIENTIFIC SCIMED, INC., US
[73] GREGG, PETER, ZZ
[85] 2014-01-14
[86] 2012-07-19 (PCT/US2012/047382)
[87] (WO2013/013032)
[30] US (61/509,807) 2011-07-20

---

[11] **2,843,202**
[13] A1
[51] **Int.Cl. A61F 2/16 (2006.01) A61F 2/14 (2006.01)**
[25] EN
[54] **INTRAOCULAR IMPLANT CELL MIGRATION INHIBITION SYSTEM**
[54] **SYSTEME D'INHIBITION DE MIGRATION CELLULAIRE D'IMPLANT INTRAOCULAIRE**
[72] CUEVAS, KEVIN H., US
[73] INSIGHT INNOVATIONS, LLC, US
[73] CUEVAS, KEVIN H., ZZ
[85] 2014-01-24
[86] 2012-08-01 (PCT/US2012/049176)
[87] (WO2013/019871)
[30] US (13/136,515) 2011-08-02
[30] US (13/479,178) 2012-05-23

---

[11] **2,843,889**
[13] A1

Canadian Patents Issued
July 3, 2018

[51] **Int.Cl. B67D 1/00 (2006.01) B67D 1/04 (2006.01) B67D 3/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CARTRIDGE-BASED CARBONATION OF BEVERAGES**
[54] **PROCEDE ET APPAREIL DE CARBONATATION DE BOISSONS AU MOYEN D'UNE CARTOUCHE**
[72] NOVAK, THOMAS J., US
[72] PACKARD, ROSS, US
[72] PETERSON, PETER, US
[72] GULLA, SHAWN, US
[72] HUOT CARLSON, JENNIFER CAITLIN, US
[72] SCHMITT, CAMILLA, US
[72] HEWITT, JIM, US
[72] ANGOTTI, MARC, US
[72] CARROLL, RAY, US
[72] ESTABROOK, RICHARD, US
[72] HARTLEY, KEVIN, US
[72] CONSOLI, FRANK, US
[72] COHEN, MARK, GB
[72] JONES, ROSS, GB
[72] MARTINEZ, NICOLAS ALEJANDRO, US
[72] HEMBER, MILES WILLIAM NOEL, GB
[72] SCHMITT, FABIEN YANNICK, GB
[72] MOTTRAM, NIAL ALLAN, GB
[72] O'PREY, CORMAC, GB
[72] ROLLINGS, NICHOLAS DAVID, GB
[72] KILBY, CHARLES FRAZER, GB
[72] RICHARDSON, CHRISTOPHER PAUL, GB
[72] JACKSON, THOMAS BATES, GB
[72] GRUBB, SCOTT, GB
[72] CHAN, WAI, GB
[72] CAMPBELL, NEIL LESTER, GB
[72] STACEY, GARY, GB
[72] COVEY, CHRIS, GB
[72] DOBSON, BARRY, GB
[72] WILKINS, PAUL, GB
[72] ROACH, CHRIS, GB
[72] CAUWOOD, PETER, GB
[72] THOMPSON, KEITH, GB
[73] NOVAK, THOMAS J., ZZ
[73] PACKARD, ROSS, ZZ
[73] PETERSON, PETER, ZZ
[73] GULLA, SHAWN, ZZ
[73] HUOT CARLSON, JENNIFER CAITLIN, ZZ
[73] SCHMITT, CAMILLA, ZZ
[73] HEWITT, JIM, ZZ
[73] ANGOTTI, MARC, ZZ
[73] CARROLL, RAY, ZZ
[73] ESTABROOK, RICHARD, ZZ
[73] HARTLEY, KEVIN, ZZ
[73] CONSOLI, FRANK, ZZ
[73] COHEN, MARK, ZZ
[73] JONES, ROSS, ZZ
[73] MARTINEZ, NICOLAS ALEJANDRO, ZZ
[73] HEMBER, MILES WILLIAM NOEL, ZZ
[73] SCHMITT, FABIEN YANNICK, ZZ
[73] MOTTRAM, NIAL ALLAN, ZZ
[73] O'PREY, CORMAC, ZZ
[73] ROLLINGS, NICHOLAS DAVID, ZZ
[73] KILBY, CHARLES FRAZER, ZZ
[73] RICHARDSON, CHRISTOPHER PAUL, ZZ
[73] JACKSON, THOMAS BATES, ZZ
[73] GRUBB, SCOTT, ZZ
[73] CHAN, WAI, ZZ
[73] CAMPBELL, NEIL LESTER, ZZ
[73] STACEY, GARY, ZZ
[73] COVEY, CHRIS, ZZ
[73] DOBSON, BARRY, ZZ
[73] WILKINS, PAUL, ZZ
[73] ROACH, CHRIS, ZZ
[73] CAUWOOD, PETER, ZZ
[73] THOMPSON, KEITH, ZZ
[73] BEDFORD SYSTEMS LLC, US
[85] 2014-01-31
[86] 2012-08-02 (PCT/US2012/049356)
[87] (WO2013/019963)
[30] US (61/514,676) 2011-08-03

---

[11] **2,844,315**
[13] A1
[51] **Int.Cl. B67D 7/72 (2010.01) B65D 83/42 (2006.01)**
[25] EN
[54] **AEROSOL REFILL CARTRIDGE**
[54] **CARTOUCHE DE RECHARGE D'AEROSOL**
[72] LEVENSTEIN, LAWRENCE M., US
[72] THIBODEAU, ROBERT D., US
[72] WILLIAMS, ERIC A., US
[73] C.H. & I. TECHNOLOGIES, INC., US
[73] LEVENSTEIN, LAWRENCE M., ZZ
[73] THIBODEAU, ROBERT D., ZZ
[73] WILLIAMS, ERIC A., ZZ
[85] 2014-02-05
[86] 2012-07-30 (PCT/US2012/048777)
[87] (WO2013/032612)
[30] US (13/222,604) 2011-08-31

---

[11] **2,845,969**
[13] A1
[51] **Int.Cl. B60W 40/12 (2012.01) G01M 15/04 (2006.01) G01M 15/10 (2006.01)**
[25] EN
[54] **DRIVER ALERT AND DE-RATE CONTROL SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'ALERTES A DESTINATION DU CONDUCTEUR ET DE COMMANDE DE RALENTISSEMENT**
[72] YOUNG, HENRY TODD, US
[72] NEDLEY, KENNETH PAUL, US
[72] CILLESSEN, SEAN, US
[72] BROWN, TIMOTHY WARREN, US
[73] GENERAL ELECTRIC COMPANY, US
[73] YOUNG, HENRY TODD, ZZ
[73] NEDLEY, KENNETH PAUL, ZZ
[73] CILLESSEN, SEAN, ZZ
[73] BROWN, TIMOTHY WARREN, ZZ
[86] (2845969)
[87] (2845969)
[22] 2014-03-13
[30] US (14/094,333) 2013-12-02

---

[11] **2,846,745**
[13] A1
[51] **Int.Cl. E04G 17/06 (2006.01) B25B 27/14 (2006.01)**
[25] EN
[54] **CONCRETE FORM SNAP TIE BREAKER**
[54] **TIRANT CASSABLE POUR FORME DE BETON**
[72] KADAR, JOSEPH ANTAL, CA
[73] KADAR DEVELOPMENTS LTD., CA
[73] KADAR, JOSEPH ANTAL, CA
[86] (2846745)
[87] (2846745)
[22] 2014-03-25

[11] **2,848,014**
[13] A1
[51] **Int.Cl. B03B 9/00 (2006.01) B23D 59/00 (2006.01)**
[25] FR
[54] **METHOD FOR ESTABLISHING A STRATEGY FOR CUTTING OUT A FLAT SCREEN**
[54] **PROCEDE D'ETABLISSEMENT D'UNE STRATEGIE DE DECOUPE D'UN ECRAN PLAT**
[72] SANGLIER, CHRISTOPHE, FR
[72] LABONNE, ELLA, FR
[72] MAITROT, AUDE, FR
[73] VEOLIA PROPRETE, FR
[73] SANGLIER, CHRISTOPHE, ZZ
[73] LABONNE, ELLA, ZZ
[73] MAITROT, AUDE, ZZ
[85] 2014-03-06
[86] 2012-08-23 (PCT/FR2012/051927)
[87] (WO2013/045781)
[30] FR (1158778) 2011-09-30

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[11] **2,849,084**
[13] A1
[51] **Int.Cl. B26F 3/02 (2006.01) B31D 5/00 (2017.01)**
[25] EN
[54] **TEAR-ASSIST APPARATUS**
[54] **EQUIPEMENT D'ASSISTANCE AU DECHIREMENT**
[72] RAINS, CHRISTOPHER M., US
[72] TEGEL, ROBERT, US
[72] WETSCH, THOMAS D., US
[73] WETSCH, THOMAS D., ZZ
[73] PREGIS INNOVATIVE PACKAGING LLC, US
[85] 2014-03-18
[86] 2012-09-20 (PCT/US2012/056440)
[87] (WO2013/043942)
[30] US (61/537,021) 2011-09-20

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[11] **2,850,096**
[13] A1
[51] **Int.Cl. C07D 207/20 (2006.01) A61K 31/5517 (2006.01) A61P 35/00 (2006.01) C07D 207/24 (2006.01) C07D 207/27 (2006.01) C07D 401/12 (2006.01) C07D 409/12 (2006.01) C07D 413/12 (2006.01) C07D 487/04 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **SYNTHESIS METHOD AND INTERMEDIATES USEFUL IN THE PREPARATION OF PYRROLOBENZODIAZEPINES**
[54] **PROCEDE DE SYNTHESE ET INTERMEDIAIRES POUVANT SERVIR A PREPARER DES PYRROLOBENZODIAZEPINES**
[72] HOWARD, PHILIP WILSON, GB
[72] TIBERGHIEN, ARNAUD, GB
[73] HOWARD, PHILIP WILSON, ZZ
[73] TIBERGHIEN, ARNAUD, ZZ
[73] MEDIMMUNE LIMITED, GB
[85] 2014-03-26
[86] 2012-10-12 (PCT/EP2012/070232)
[87] (WO2013/053872)
[30] US (61/547,207) 2011-10-14

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[11] **2,850,946**
[13] A1
[51] **Int.Cl. A61C 7/08 (2006.01) A61F 5/56 (2006.01)**
[25] EN
[54] **IMPROVED MANDIBULAR REPOSITIONING DEVICE**
[54] **DISPOSITIF DE REPOSITIONNEMENT MANDIBULAIRE AMELIORE**
[72] BARATIER, LUDOVIC, FR
[72] PALOMINO, YANN, FR
[73] RESMED SAS, FR
[73] BARATIER, LUDOVIC, ZZ
[73] PALOMINO, YANN, ZZ
[86] (2850946)
[87] (2850946)
[22] 2014-05-05
[30] EP (13 30 5585.5) 2013-05-03

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[11] **2,851,033**
[13] A1
[51] **Int.Cl. C12P 21/00 (2006.01) C12M 1/04 (2006.01) C12P 1/04 (2006.01) C12P 7/62 (2006.01) C12P 7/64 (2006.01) C12P 21/04 (2006.01)**
[25] EN
[54] **BACILLUS SP. BIOSURFACTANTS, COMPOSITION INCLUDING SAME, METHOD FOR OBTAINING SAME AND USE THEREOF**
[54] **BIOSURFACTANTS PRODUITE PAR UNE NOUVELLE SOUCHE DE BACILLUS SUBTILIS, COMPOSITION LES COMPRENANT, PROCEDE D'OBTENTION ET APPLICATION**
[72] COUTTE, FRANCOIS, FR
[72] JACQUES, PHILIPPE, BE
[72] LECOUTURIER, DIDIER, FR
[72] GUEZ, JEAN-SEBASTIEN, FR
[72] DHULSTER, PASCAL, FR
[72] LECLERE, VALERIE, FR
[72] BECHET, MAX, FR
[73] UNIVERSITE DE LILLE 1 - SCIENCES ET TECHNOLOGIES - USTL, FR
[73] COUTTE, FRANCOIS, ZZ
[73] JACQUES, PHILIPPE, ZZ
[73] LECOUTURIER, DIDIER, ZZ
[73] GUEZ, JEAN-SEBASTIEN, ZZ
[73] DHULSTER, PASCAL, ZZ
[73] LECLERE, VALERIE, ZZ
[73] BECHET, MAX, ZZ
[85] 2014-04-03
[86] 2012-10-03 (PCT/FR2012/052234)
[87] (WO2013/050700)
[30] FR (1158922) 2011-10-03

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[11] **2,851,319**
[13] A1
[51] **Int.Cl. A41D 19/015 (2006.01)**
[25] EN
[54] **PROTECTION ELEMENT OR ATTACHMENT FOR SAFETY GLOVE FINGERS**
[54] **ELEMENT OU RAJOUT DE PROTECTION POUR LES DOIGTS DE GANTS DE SECURITE**
[72] SGOMBICH PEREZ, JORGE RUBEN, CL
[73] SGOMBICH PEREZ, JORGE RUBEN, CL
[85] 2014-04-07
[86] 2012-07-05 (PCT/CL2012/000032)
[87] (WO2013/049950)
[30] CL (2498-2011) 2011-10-07

[11] **2,851,858**
[13] A1
[51] **Int.Cl. F22B 1/02 (2006.01) B01D 1/22 (2006.01) B01D 1/28 (2006.01) F02G 5/02 (2006.01) F22B 1/18 (2006.01) F22B 27/16 (2006.01) F22B 33/18 (2006.01) F22B 35/10 (2006.01) F22B 37/10 (2006.01) F22B 37/60 (2006.01) F28D 7/10 (2006.01) F28F 1/40 (2006.01) F28F 1/42 (2006.01)**
[25] EN
[54] **GENERATION OF STEAM BY SPRAYING WATER ONTO A DUCT WITHIN A CHAMBER HAVING DIVIDER WALLS**
[54] **GENERATION DE VAPEUR PAR PULVERISATION D'EAU SUR UN CONDUIT A L'INTERIEUR D'UNE CHAMBRE COMPORTANT DES PAROIS DE DIVISION**
[72] WEIGOLD, THEODORE, US
[72] TOUCHETTE, SHANE, US
[73] TINMAN INC., US
[85] 2014-04-11
[86] 2012-10-15 (PCT/CA2012/000948)
[87] (WO2013/053048)
[30] US (61/546,952) 2011-10-13

[11] **2,852,091**
[13] A1
[51] **Int.Cl. C07D 303/42 (2006.01) C07D 493/04 (2006.01) C08K 5/1515 (2006.01) C08L 63/00 (2006.01)**
[25] EN
[54] **MAKING EPOXIDIZED ESTERS FROM EPOXIDIZED NATURAL FATS AND OILS**
[54] **PRODUCTION D'ESTERS EPOXYDES A PARTI DE GRAISSES ET D'HUILES NATURELLES EPOXYDEES**
[72] HAGBERG, ERIK, US
[72] HOWARD, STEPHEN J., US
[72] POPPE, GEORGE, US
[73] ARCHER DANIELS MIDLAND COMPANY, US
[73] HAGBERG, ERIK, ZZ
[73] HOWARD, STEPHEN J., ZZ
[73] POPPE, GEORGE, ZZ
[85] 2014-04-11
[86] 2012-10-17 (PCT/US2012/060497)
[87] (WO2013/059238)
[30] US (61/548,757) 2011-10-19

[11] **2,857,132**
[13] A1
[51] **Int.Cl. H04L 12/12 (2006.01) H04L 9/32 (2006.01) H04L 29/02 (2006.01)**
[25] EN
[54] **INTERFACES TO MANAGE DIRECT NETWORK PEERINGS**
[54] **INTERFACES DE GESTION D'APPAIRAGES DIRECTS DE RESEAUX**
[72] MILLER, KEVIN CHRISTOPHER, US
[72] DOANE, ANDREW J., US
[72] ABUELELA, MAHMOUD A., US
[72] FURR, MICHAEL B., US
[72] LENNON, DAVID B., US
[72] SUKUMARAN, ANISH, US
[72] HALL, JEREMY T., US
[73] AMAZON TECHNOLOGIES, INC., US
[73] MILLER, KEVIN CHRISTOPHER, ZZ
[73] DOANE, ANDREW J., ZZ
[73] ABUELELA, MAHMOUD A., ZZ
[73] FURR, MICHAEL B., ZZ
[73] LENNON, DAVID B., ZZ
[73] SUKUMARAN, ANISH, ZZ
[73] HALL, JEREMY T., ZZ
[85] 2014-05-27
[86] 2012-11-26 (PCT/US2012/066517)
[87] (WO2013/081962)
[30] US (13/306,775) 2011-11-29
[30] US (13/335,465) 2011-12-22
[30] US (13/335,490) 2011-12-22

[11] **2,859,805**
[13] A1
[51] **Int.Cl. B64C 13/02 (2006.01) B64C 3/56 (2006.01) B64C 13/00 (2006.01)**
[25] EN
[54] **WINGTIP CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DE BOUT D'AILE**
[72] THOREEN, ADAM MARSHALL, US
[72] BAER, JOSHUA JAY, US
[72] SIKORA, JOSEPH ADAM, US
[72] LASSEN, MATTHEW AUGUST, US
[72] FOSTER, MICHAEL EDWIN, US
[72] GALLAGHER, TIMOTHY PATRICK, JR., US
[73] THE BOEING COMPANY, US
[73] THOREEN, ADAM MARSHALL, ZZ
[73] BAER, JOSHUA JAY, ZZ
[73] SIKORA, JOSEPH ADAM, ZZ
[73] LASSEN, MATTHEW AUGUST, ZZ
[73] FOSTER, MICHAEL EDWIN, ZZ
[73] GALLAGHER, TIMOTHY PATRICK, JR., ZZ
[86] (2859805)
[87] (2859805)
[22] 2014-08-18
[30] US (14/056,475) 2013-10-17

[11] **2,860,812**
[13] A1
[51] **Int.Cl. B29C 41/18 (2006.01) B29B 17/00 (2006.01) B29C 41/36 (2006.01) B29C 44/04 (2006.01) B29C 44/56 (2006.01)**
[25] EN
[54] **A MOULDING METHOD**
[54] **PROCEDE DE MOULAGE**
[72] MILLS, GARY, GB
[73] 100% RECYCLED PANEL COMPANY LIMITED, GB
[73] MILLS, GARY, ZZ
[85] 2014-07-07
[86] 2012-01-12 (PCT/GB2012/000029)
[87] (WO2012/095635)
[30] EP (11150886.7) 2011-01-13
[30] EP (11151312.3) 2011-01-18

[11] **2,862,437**
[13] A1
[51] **Int.Cl. C12M 3/08 (2006.01) C12N 5/0735 (2010.01) C12M 1/00 (2006.01) C12M 3/00 (2006.01) C12M 3/06 (2006.01) C12N 5/00 (2006.01)**
[25] EN
[54] **TISSUE MINCING TOOL AND METHODS OF USE THEREOF**
[54] **OUTIL D'AMINCISSEMENT D'UN TISSU ET METHODES D'UTILISATION ASSOCIEES**
[72] TAGHIZADEH, ROUZBEH R., US
[72] MEADE, JOHN, US
[73] AUXOCELL LABORATORIES, INC., US
[73] TAGHIZADEH, ROUZBEH R., ZZ
[73] MEADE, JOHN, ZZ
[85] 2014-07-23
[86] 2012-11-08 (PCT/US2012/064130)
[87] (WO2013/070899)
[30] US (61/557,127) 2011-11-08

[11] **2,862,937**
[13] A1
[51] **Int.Cl. B60C 25/05 (2006.01) B60C 25/12 (2006.01) B60C 25/128 (2006.01) B60C 25/14 (2006.01)**
[25] EN
[54] **BEAD SEATER APPARATUS AND METHOD FOR USING THE SAME**
[54] **APPAREIL DE POSITIONNEMENT DE TALON ET SON PROCEDE D'UTILISATION**
[72] LAWSON, LAWRENCE J., US
[72] CLARK, BARRY A., US
[72] LARSON, DAVID, US
[73] ANDROID INDUSTRIES LLC, US
[73] LAWSON, LAWRENCE J., ZZ
[73] CLARK, BARRY A., ZZ
[73] LARSON, DAVID, ZZ
[85] 2014-07-25
[86] 2013-01-31 (PCT/US2013/023985)
[87] (WO2013/116425)
[30] US (61/592,728) 2012-01-31

---

[11] **2,863,674**
[13] A1
[51] **Int.Cl. A61K 33/42 (2006.01) A61K 8/19 (2006.01) A61K 8/20 (2006.01) A61K 8/21 (2006.01) A61K 8/24 (2006.01) A61K 33/06 (2006.01) A61K 33/16 (2006.01) A61K 33/20 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **MULTICOMPONENT ORAL CARE COMPOSITION**
[54] **COMPOSITION DE SOINS BUCCO-DENTAIRES CONTENANT PLUSIEURS COMPOSANTS**
[72] HILL, ROBERT, GB
[72] COLLINGS, ALAN J., GB
[72] BAYNES, IAN, GB
[72] GILLAM, DAVID G., GB
[73] PERIPRODUCTS LTD, GB
[73] HILL, ROBERT, ZZ
[73] COLLINGS, ALAN J., ZZ
[73] BAYNES, IAN, ZZ
[73] GILLAM, DAVID G., ZZ
[85] 2014-08-01
[86] 2013-02-04 (PCT/GB2013/050250)
[87] (WO2013/117913)
[30] GB (1202341.2) 2012-02-10

---

[11] **2,863,789**
[13] A1
[51] **Int.Cl. F16C 43/00 (2006.01) F16C 41/00 (2006.01)**
[25] EN
[54] **METHOD, APPARATUS AND NUT FOR PRELOADING A BEARING**
[54] **METHODE, APPAREIL ET ECROU POUR PRECHARGER UN PALIER**
[72] RODE, JOHN E., US
[73] TEMPER AXLE PRODUCTS CORPORATION, US
[86] (2863789)
[87] (2863789)
[22] 2007-01-25
[62] 2,576,337
[30] US (11/341,948) 2006-01-27
[30] US (11/354,513) 2006-02-15

---

[11] **2,866,527**
[13] A1
[51] **Int.Cl. A61K 31/222 (2006.01) A61K 8/37 (2006.01) A61P 17/00 (2006.01) A61P 17/02 (2006.01) A61Q 19/02 (2006.01)**
[25] EN
[54] **USE OF ISOEUGENOL ESTERS IN TREATING HYPERPIGMENTATION**
[54] **UTILISATION D'ESTERS D'ISOEUGENOL POUR LE TRAITEMENT DE L'HYPERPIGMENTATION**
[72] FULLER, BRYAN B., US
[73] FULLER, BRYAN B., ZZ
[73] THERAMETICS, LLC, US
[86] (2866527)
[87] (2866527)
[22] 2008-10-10
[62] 2,740,200
[30] US (60/998,345) 2007-10-10
[30] US (61/126,478) 2008-05-05

---

[11] **2,866,566**
[13] A1
[51] **Int.Cl. B60N 3/04 (2006.01)**
[25] EN
[54] **AUTOMOTIVE FLOOR MAT ASSEMBLY**
[54] **ENSEMBLE DE TAPIS DE SOL POUR AUTOMOBILE**
[72] HAY, GORDON, CA
[73] HAY, GORDON, CA
[85] 2014-09-08
[86] 2013-03-07 (PCT/CA2013/000206)
[87] (WO2013/134850)
[30] US (61/608,025) 2012-03-07

---

[11] **2,867,268**
[13] A1
[51] **Int.Cl. G06K 7/08 (2006.01) H04W 88/02 (2009.01)**
[25] EN
[54] **CARD READER FOR MOBILE DEVICE**
[54] **LECTEUR DE CARTE POUR DISPOSITIF MOBILE**
[72] MARCUS, DAVID A., US
[72] FERGUSON, HILL, US
[72] METRAL, MAX E., US
[72] SCHULZ, EGAN, US
[73] MARCUS, DAVID A., ZZ
[73] FERGUSON, HILL, ZZ
[73] METRAL, MAX E., ZZ
[73] SCHULZ, EGAN, ZZ
[73] PAYPAL, INC., US
[85] 2014-09-12
[86] 2012-12-27 (PCT/US2012/071875)
[87] (WO2013/137965)
[30] US (13/421,502) 2012-03-15

---

[11] **2,869,665**
[13] A1
[51] **Int.Cl. B44C 3/04 (2006.01) C04B 14/06 (2006.01) C04B 26/04 (2006.01)**
[25] EN
[54] **MOLDABLE SAND COMPOSITIONS AND METHODS FOR MAKING THE SAME**
[54] **COMPOSITIONS DE SABLE MOULABLES ET LEURS PROCEDES DE FABRICATION**
[72] MOSKAL, MICHAEL, US
[72] LI, JIE, US
[72] VADAKETH, LEENA, US
[72] SPERA, MICHAEL, US
[73] CRAYOLA LLC, US
[73] MOSKAL, MICHAEL, ZZ
[73] LI, JIE, ZZ
[73] VADAKETH, LEENA, ZZ
[73] SPERA, MICHAEL, ZZ
[85] 2014-10-03
[86] 2013-04-09 (PCT/US2013/035766)
[87] (WO2013/155069)
[30] US (61/622,145) 2012-04-10
[30] US (13/790,692) 2013-03-08

[11] 2,869,703
[13] A1
[51] **Int.Cl. C04B 28/02 (2006.01) C04B 38/08 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING A CEMENTITIOUS COMPOSITION**
[54] **PROCEDE DE FABRICATION D'UNE COMPOSITION CIMENTAIRE**
[72] ONG, FRANK SHAODE, US
[72] SMITH, JAMES C., US
[72] FETE, RAYMOND, US
[72] PAPONETTI, RICK, US
[72] MUSSIG, STEFAN, US
[72] GAMBATESA, DARREN, US
[72] BURY, MARK A., US
[73] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
[73] ONG, FRANK SHAODE, ZZ
[73] SMITH, JAMES C., ZZ
[73] FETE, RAYMOND, ZZ
[73] PAPONETTI, RICK, ZZ
[73] MUSSIG, STEFAN, ZZ
[73] GAMBATESA, DARREN, ZZ
[73] BURY, MARK A., ZZ
[85] 2014-10-06
[86] 2013-04-19 (PCT/EP2013/058155)
[87] (WO2013/156589)
[30] US (61/635562) 2012-04-19
[30] US (61/695134) 2012-08-30

[11] 2,869,985
[13] A1
[51] **Int.Cl. A61F 13/15 (2006.01) A61F 13/534 (2006.01) A61F 13/537 (2006.01)**
[25] EN
[54] **UNITARY ABSORBENT STRUCTURES COMPRISING AN ABSORBENT CORE AND/OR AN ACQUISITION AND DISPERSION LAYER FOR ABSORBENT ARTICLES**
[54] **STRUCTURES ABSORBANTES UNITAIRES COMPRENANT UN NOYAU ABSORBANT ET/OU UNE COUCHE D'ACQUISITION ET DE DISPERSION POUR ARTICLES ABSORBANTS**
[72] MICHIELS, DANY, BE
[72] DEGRANDE, TANIKA, BE
[72] VANWALLEGHEM, SARA, BE
[73] LIBELTEX, BE
[73] MICHIELS, DANY, ZZ
[73] DEGRANDE, TANIKA, ZZ
[73] VANWALLEGHEM, SARA, ZZ
[85] 2014-10-08
[86] 2013-04-15 (PCT/EP2013/057849)
[87] (WO2013/153235)
[30] EP (PCT/EP2012/056859) 2012-04-13

[11] 2,870,662
[13] A1
[51] **Int.Cl. B60C 11/04 (2006.01) B60C 9/18 (2006.01)**
[25] EN
[54] **TIRE**
[54] **PNEUMATIQUE**
[72] HASEGAWA, TOMOO, JP
[72] NOMURA, FUMIHIRO, JP
[72] MORI, YOSUKE, JP
[73] BRIDGESTONE CORPORATION, JP
[73] HASEGAWA, TOMOO, ZZ
[73] NOMURA, FUMIHIRO, ZZ
[73] MORI, YOSUKE, ZZ
[85] 2014-10-16
[86] 2013-04-16 (PCT/JP2013/061285)
[87] (WO2013/157544)
[30] JP (2012-093008) 2012-04-16
[30] JP (2012-093094) 2012-04-16

[11] 2,871,628
[13] A1
[51] **Int.Cl. G01S 17/02 (2006.01) G02B 1/04 (2006.01) G06F 3/042 (2006.01)**
[25] EN
[54] **PROXIMITY SENSOR**
[54] **DETECTEUR DE PROXIMITE**
[72] GAO, YU, CA
[72] BROGA, ANTANAS MATTHEW, CA
[72] LEE, HSIN CHIN, CA
[73] BLACKBERRY LIMITED, CA
[73] GAO, YU, CA
[73] BROGA, ANTANAS MATTHEW, CA
[73] LEE, HSIN CHIN, CA
[86] (2871628)
[87] (2871628)
[22] 2014-11-18

[11] 2,873,053
[13] A1
[51] **Int.Cl. C04B 35/52 (2006.01) B22F 7/06 (2006.01) B24D 3/06 (2006.01) B24D 3/08 (2006.01) B24D 3/10 (2006.01) C04B 37/02 (2006.01) C22C 26/00 (2006.01) E21B 10/567 (2006.01) E21B 10/573 (2006.01)**
[25] EN
[54] **SUPER-ABRASIVE MATERIAL WITH ENHANCED ATTACHMENT REGION AND METHODS FOR FORMATION AND USE THEREOF**
[54] **MATERIAU SUPER-ABRASIF COMPORTANT UNE REGION DE FIXATION AMELIOREE, SES PROCEDES DE FORMATION ET SON UTILISATION**
[72] WEAVER, GARY E., US
[72] LADI, RAM L., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] WEAVER, GARY E., ZZ
[73] LADI, RAM L., ZZ
[85] 2014-11-07
[86] 2013-05-06 (PCT/US2013/039733)
[87] (WO2013/169663)
[30] US (13/466,807) 2012-05-08

[11] 2,874,075
[13] A1
[51] **Int.Cl. B60K 6/40 (2007.10) B60K 6/24 (2007.10) B60K 6/26 (2007.10) B60K 6/36 (2007.10) B60K 6/44 (2007.10) B60K 13/04 (2006.01) F01N 5/02 (2006.01)**
[25] EN
[54] **HYBRID VEHICLE**
[54] **VEHICULE HYBRIDE**
[72] SUZUKI, TAKABUMI, JP
[72] OOISO, KEIICHI, JP
[72] HOSHINOYA, TAKESHI, JP
[73] HONDA MOTOR CO., LTD., JP
[73] SUZUKI, TAKABUMI, ZZ
[73] OOISO, KEIICHI, ZZ
[73] HOSHINOYA, TAKESHI, ZZ
[85] 2014-11-19
[86] 2013-05-22 (PCT/JP2013/064203)
[87] (WO2013/176175)
[30] JP (2012-117618) 2012-05-23
[30] JP (2012-194331) 2012-09-04

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[11] 2,874,456
[13] A1
[51] **Int.Cl. B65G 1/137 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD, AND APPARATUS FOR PICKING-AND-PUTTING PRODUCT**
[54] **SYSTEME, PROCEDE ET APPAREIL DE PRELEVEMENT ET PLACEMENT DE PRODUITS**
[72] AMBROSE, KEVIN, US
[73] WYNRIGHT CORPORATION, US
[73] AMBROSE, KEVIN, ZZ
[85] 2014-11-20
[86] 2013-05-22 (PCT/US2013/042316)
[87] (WO2013/177341)
[30] US (61/650,366) 2012-05-22

---

[11] 2,876,412
[13] A1
[51] **Int.Cl. G06F 3/01 (2006.01) G02B 27/01 (2006.01) G06F 3/038 (2013.01) G06K 7/00 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR EYE TRACKING DATA TRIGGER ARRANGEMENT**
[54] **DISPOSITIF ET PROCEDE DE MISE EN PLACE D'UN DECLENCHEUR DE DONNEES AVEC SUIVI DU REGARD**
[72] KENNEDY, BEN, GB
[72] LUNDQUIST, DAVID, US
[72] MORLEY-SMITH, JAMES, GB
[73] KENNEDY, BEN, ZZ
[73] LUNDQUIST, DAVID, ZZ
[73] MORLEY-SMITH, JAMES, ZZ
[73] SYMBOL TECHNOLOGIES, LLC, US
[85] 2014-12-11
[86] 2013-06-10 (PCT/US2013/044900)
[87] (WO2014/004058)
[30] US (13/537,338) 2012-06-29

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[11] 2,881,111
[13] A1
[51] **Int.Cl. E21B 34/06 (2006.01) E21B 33/122 (2006.01)**
[25] EN
[54] **CONSTRUCTED ANNULAR SAFETY VALVE ELEMENT PACKAGE**
[54] **GARNITURE ASSEMBLEE D'ELEMENT DE VANNE DE SECURITE ANNULAIRE**
[72] ROBB, EWAN OGILVIE, GB
[72] SLAY, JEREMY BUC, US
[72] WEBBER, WINSTON JAMES, GB
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] ROBB, EWAN OGILVIE, ZZ
[73] SLAY, JEREMY BUC, ZZ
[73] WEBBER, WINSTON JAMES, ZZ
[85] 2015-02-04
[86] 2012-08-27 (PCT/US2012/052533)
[87] (WO2014/035369)

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[11] 2,881,381
[13] A1
[51] **Int.Cl. E04C 2/02 (2006.01) E04C 2/30 (2006.01)**
[25] EN
[54] **BUILDING MATERIAL AND METHOD FOR PRODUCING THE SAME**
[54] **MATERIAU DE CONSTRUCTION ET SA METHODE DE PRODUCTION**
[72] YAMAMOTO, HIROAKI, JP
[73] NICHIHA CORPORATION, JP
[73] YAMAMOTO, HIROAKI, ZZ
[86] (2881381)
[87] (2881381)
[22] 2015-02-09
[30] JP (JP2014-037835) 2014-02-28

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[11] 2,882,131
[13] A1
[51] **Int.Cl. A61L 15/44 (2006.01) A61K 9/70 (2006.01) A61K 31/19 (2006.01) A61K 31/327 (2006.01) A61M 37/00 (2006.01) A61P 17/02 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **WOUND CARE PRODUCTS WITH PERACID COMPOSITIONS**
[54] **PRODUITS DE SOIN DE PLAIES RENFERMANT DES COMPOSITIONS DE PERACIDE**
[72] NEAS, EDWIN D., US
[72] HANDLEY, MICHAEL K., US
[72] MARCHITTO, KEVIN S., US
[72] FLOCK, STEPHEN T., US
[73] CHD BIOSCIENCE, INC., US
[73] NEAS, EDWIN D., ZZ
[73] HANDLEY, MICHAEL K., ZZ
[73] MARCHITTO, KEVIN S., ZZ
[73] FLOCK, STEPHEN T., ZZ
[85] 2015-02-13
[86] 2013-08-14 (PCT/US2013/054968)
[87] (WO2014/028633)
[30] US (61/683,054) 2012-08-14
[30] US (61/693,009) 2012-08-24
[30] US (61/715,725) 2012-10-18

[11] **2,882,251**
[13] A1
[51] **Int.Cl. B65G 69/34 (2006.01)**
[25] EN
[54] **MONITORING VEHICLE RESTRAINTS OVER A CONTINUOUS RANGE OF POSITIONS**
[54] **SURVEILLANCE DE LIMITES D'UN VEHICULE DANS UNE PLAGE CONTINUE DE POSITIONS**
[72] STONE, BRADLEY J., US
[72] SENFLEBEN, JASON, US
[72] MALY, PAUL J., US
[73] RITE-HITE HOLDING CORPORATION, US
[73] STONE, BRADLEY J., ZZ
[73] SENFLEBEN, JASON, ZZ
[73] MALY, PAUL J., ZZ
[86] (2882251)
[87] (2882251)
[22] 2015-02-17
[30] US (14/192,581) 2014-02-27

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[11] **2,882,415**
[13] A1
[51] **Int.Cl. A61M 16/16 (2006.01) A61M 16/10 (2006.01) A61M 16/20 (2006.01) A63B 23/18 (2006.01) B01F 3/04 (2006.01)**
[25] EN
[54] **A DEVICE FOR THE CARE OF RESPIRATORY DISEASES AND FOR THE IMPROVEMENT OF PULMONARY FUNCTION**
[54] **DISPOSITIF POUR LE SOIN DE MALADIES RESPIRATOIRES ET POUR L'AMELIORATION DE LA FONCTION PULMONAIRE**
[72] KARKKAINEN, AULIS, FI
[73] HAPELLA OY, FI
[73] KARKKAINEN, AULIS, ZZ
[85] 2015-02-19
[86] 2013-09-12 (PCT/EP2013/068864)
[87] (WO2014/041047)
[30] EP (12397523.7) 2012-09-13

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[11] **2,883,689**
[13] A1
[51] **Int.Cl. F16L 3/00 (2006.01) F16L 3/08 (2006.01)**
[25] EN
[54] **LATERAL SWAY BRACE**
[54] **SUPPORT PIVOTANT LATERAL**
[72] HEATH, RICHARD W., US
[72] DWORAK, DALLAS MARTIN, JR., US
[73] COOPER TECHNOLOGIES COMPANY, US
[73] HEATH, RICHARD W., ZZ
[73] DWORAK, DALLAS MARTIN, JR., ZZ
[86] (2883689)
[87] (2883689)
[22] 2015-03-04
[30] US (14/197,062) 2014-03-04

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[11] **2,884,490**
[13] A1
[51] **Int.Cl. F16B 25/04 (2006.01)**
[25] EN
[54] **SCREW-TYPE FASTENER**
[54] **FIXATION DE TYPE VISSE**
[72] LAJEWARDI, FARHAD, CA
[72] FALKENSTEIN, MICHAEL K., CA
[73] THE HILLMAN GROUP, INC., US
[73] LAJEWARDI, FARHAD, CA
[73] FALKENSTEIN, MICHAEL K., CA
[86] (2884490)
[87] (2884490)
[22] 2015-03-11
[30] US (14/623,959) 2015-02-17

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[11] **2,885,674**
[13] A1
[51] **Int.Cl. H04L 9/32 (2006.01) H04L 9/08 (2006.01) H04W 12/06 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR USER AUTHENTICATION**
[54] **SYSTEME ET PROCEDE D'AUTHENTIFICATION D'UTILISATEUR**
[72] BELL, JONATHAN G., CA
[72] JENNINGS, KENNETH W., CA
[73] KINESIS IDENTITY SECURITY SYSTEM INC., CA
[73] BELL, JONATHAN G., CA
[73] JENNINGS, KENNETH W., CA
[85] 2015-03-20
[86] 2012-09-21 (PCT/CA2012/050661)
[87] (WO2013/040713)
[30] US (61/538,114) 2011-09-22
[30] US (13/623,641) 2012-09-20

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[11] **2,885,837**
[13] A1
[51] **Int.Cl. F21V 23/00 (2015.01) F21K 9/23 (2016.01) F21K 9/238 (2016.01) F21V 21/02 (2006.01) F21V 5/04 (2006.01)**
[25] EN
[54] **INTEGRAL LED LIGHT FIXTURE**
[54] **ACCESSOIRE D'ECLAIRAGE DEL INTEGRAL**
[72] VAN WINKLE, GARY, US
[73] ETI SOLID STATE LIGHTING INC., US
[73] VAN WINKLE, GARY, ZZ
[86] (2885837)
[87] (2885837)
[22] 2015-03-20
[30] US (14/334,932) 2014-07-18

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[11] **2,886,004**
[13] A1
[51] **Int.Cl. C07C 29/151 (2006.01) C07C 31/04 (2006.01)**
[25] EN
[54] **EFFICIENT, SELF SUFFICIENT PRODUCTION OF METHANOL FROM A METHANE SOURCE VIA OXIDATIVE BI-REFORMING**
[54] **PRODUCTION EFFICACE AUTO-SUFFISANTE DE METHANOL A PARTIR D'UNE SOURCE DE METHANE PAR LE BIAIS D'UN BI-REFORMAGE PAR OXYDATION**
[72] OLAH, GEORGE A., US
[72] PRAKASH, G.K. SURYA, US
[73] OLAH, GEORGE A., ZZ
[73] PRAKASH, G.K. SURYA, ZZ
[73] UNIVERSITY OF SOUTHERN CALIFORNIA, US
[85] 2015-03-23
[86] 2013-09-06 (PCT/US2013/058469)
[87] (WO2014/058549)
[30] US (61/711,610) 2012-10-09
[30] US (13/791,778) 2013-03-08

[11] **2,886,438**
[13] A1
[51] **Int.Cl. B29C 64/314 (2017.01) B29C 64/153 (2017.01) B29C 64/321 (2017.01) B22F 3/105 (2006.01)**
[25] EN
[54] **METHOD FOR STABILIZING A POWDER BED BY MEANS OF VACUUM FOR ADDITIVE MANUFACTURING**
[54] **PROCEDE PERMETTANT DE STABILISER UN LIT DE POUDRE AU MOYEN D'UNE PRESSION NEGATIVE, DANS LE CADRE DE LA FABRICATION ADDITIVE**
[72] GUNSTER, JENS, DE
[72] ZOCCA, ANDREA, DE
[72] MORAIS GOMES, CYNTHIA, DE
[72] MUHLER, THOMAS, DE
[73] BUNDESREPUBLIK DEUTSCHLAND, VERTRETEN DURCH DAS BUNDESMINISTERIUM FUR WIRTSCHAFT UND TECHNOLOGIE, DIESES VERTRETEN DURCH DEN PRASIDENTEN DER BAM, BUNDESANSTALT FUR MATERIALFORSCHUNG UND - PRUFUNG, DE
[73] GUNSTER, JENS, ZZ
[73] ZOCCA, ANDREA, ZZ
[73] MORAIS GOMES, CYNTHIA, ZZ
[73] MUHLER, THOMAS, ZZ
[85] 2015-03-27
[86] 2013-09-27 (PCT/EP2013/070289)
[87] (WO2014/049159)
[30] DE (10 2012 109 262.1) 2012-09-28

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[11] **2,886,864**
[13] A1
[51] **Int.Cl. C02F 1/62 (2006.01) C02F 1/28 (2006.01) C02F 1/58 (2006.01) C09K 3/32 (2006.01)**
[25] EN
[54] **MODIFIED BIOCHAR TREATMENT MEDIA, SYSTEM AND METHOD**
[54] **MILIEUX DE TRAITEMENT DE BIO-CHARBON MODIFIE, SYSTEME ET PROCEDE**
[72] PELTZ, CHRISTOPHER DALE, US
[73] BIOCHAR NOW, LLC, US
[73] PELTZ, CHRISTOPHER DALE, ZZ
[85] 2015-04-01
[86] 2013-10-10 (PCT/US2013/064333)
[87] (WO2014/059141)
[30] US (61/712,678) 2012-10-11

---

[11] **2,888,450**
[13] A1
[51] **Int.Cl. B22D 41/02 (2006.01) B22D 41/08 (2006.01)**
[25] EN
[54] **FIREPROOF CERAMIC BASE**
[54] **BASE DE CERAMIQUE A L'EPREUVE DU FEU**
[72] MARANITSCH, ALEXANDER, AT
[72] HOECK, MATTHIAS, AT
[72] KIRSCHEN, MARCUS, AT
[73] REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG, AT
[73] MARANITSCH, ALEXANDER, ZZ
[73] HOECK, MATTHIAS, ZZ
[73] KIRSCHEN, MARCUS, ZZ
[85] 2015-04-16
[86] 2013-12-03 (PCT/EP2013/075299)
[87] (WO2014/106553)
[30] EP (13150422.7) 2013-01-07

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[11] **2,889,598**
[13] A1
[51] **Int.Cl. E21B 43/24 (2006.01) E21B 43/14 (2006.01) E21B 43/241 (2006.01)**
[25] EN
[54] **IN SITU HYDROCARBON RECOVERY WITH INJECTION OF FLUID INTO IHS AND UPPER PAY ZONE VIA VERTICAL WELL**
[54] **RECUPERATION D'HYDROCARBURE SUR PLACE PAR INJECTION DE FLUIDE DANS LA STRATE HETEROLITHIQUE INCLINEE ET DANS LA ZONE PAYANTE SUPERIEURE PAR UN PUITS VERTICAL**
[72] ZHU, HONG, CA
[72] KING, ROBERT WAYNE, CA
[73] SUNCOR ENERGY INC., CA
[73] ZHU, HONG, CA
[73] KING, ROBERT WAYNE, CA
[86] (2889598)
[87] (2889598)
[22] 2015-04-23

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[11] **2,889,722**
[13] A1
[51] **Int.Cl. G01V 9/00 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR EVALUATING AND RANKING GEOBODIES USING A EULER CHARACTERISTIC**
[54] **SYSTEME, PROCEDE ET PRODUIT DE PROGRAMME INFORMATIQUE PERMETTANT D'EVALUER ET DE CLASSER DES CORPS GEOLOGIQUES A L'AIDE D'UNE CARACTERISTIQUE D'EULER**
[72] RAMSAY, TRAVIS ST. GEORGE, US
[72] YARUS, JEFFREY MARC, US
[73] LANDMARK GRAPHICS CORPORATION, US
[73] RAMSAY, TRAVIS ST. GEORGE, ZZ
[73] YARUS, JEFFREY MARC, ZZ
[85] 2015-04-27
[86] 2012-12-13 (PCT/US2012/069559)
[87] (WO2014/092713)

---

[11] **2,893,097**
[13] A1
[51] **Int.Cl. G06F 9/46 (2006.01)**
[25] EN
[54] **COORDINATING ACTIVITY VIEWS ACROSS OPERATING SYSTEM DOMAINS**
[54] **COORDINATION D'AFFICHAGE D'ACTIVITE SUR PLUSIEURS DOMAINES DE SYSTEME D'EXPLOITATION**
[72] SINGH, RAVI, CA
[72] MAJOR, DANIEL JONAS, CA
[72] GOODMAN, KEVIN DENNIS, CA
[72] NAGARAJAN, SIVAKUMAR, CA
[73] BLACKBERRY LIMITED, CA
[73] 2236008 ONTARIO INC., CA
[73] SINGH, RAVI, CA
[73] MAJOR, DANIEL JONAS, CA
[73] GOODMAN, KEVIN DENNIS, CA
[73] NAGARAJAN, SIVAKUMAR, CA
[86] (2893097)
[87] (2893097)
[22] 2015-05-28
[30] US (14/290,114) 2014-05-29

[11] **2,893,281**
[13] A1
[51] **Int.Cl. G01F 1/66 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ULTRASONIC METERING USING AN ORIFICE METER FITTING**
[54] **SYSTEME ET PROCEDE DE COMPTAGE A ULTRASONS FAISANT APPEL A UN RACCORD DE COMPTEUR A ORIFICE**
[72] SCHWARZ, DARREN SCOTT, US
[73] DANIEL MEASUREMENT AND CONTROL, INC., US
[73] SCHWARZ, DARREN SCOTT, US
[85] 2015-05-29
[86] 2013-11-11 (PCT/US2013/069389)
[87] (WO2014/078224)
[30] US (13/676,287) 2012-11-14

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[11] **2,893,606**
[13] A1
[51] **Int.Cl. D03D 25/00 (2006.01)**
[25] EN
[54] **THREE-DIMENSIONAL WOVEN CORNER FITTING WITH LAP JOINT PREFORMS**
[54] **FERRURE D'ANGLE TISSEE TRIDIMENSIONNELLE POURVUE DE PREFORMES DE JOINT A RECOUVREMENT**
[72] MCCLAIN, MICHAEL, US
[72] GOERING, JONATHAN, US
[73] ALBANY ENGINEERED COMPOSITES, INC., US
[73] MCCLAIN, MICHAEL, ZZ
[73] GOERING, JONATHAN, ZZ
[85] 2015-06-02
[86] 2013-12-04 (PCT/US2013/073107)
[87] (WO2014/105374)
[30] US (13/727,161) 2012-12-26

---

[11] **2,896,403**
[13] A1
[51] **Int.Cl. E06B 9/13 (2006.01) E06B 9/58 (2006.01)**
[25] EN
[54] **CUSHION FOR SHADING SYSTEM.**
[54] **COUSSINET POUR SYSTEME D'OMBRAGE.**
[72] LOMBARDINI, MARCO, CH
[73] PLASTEX SA, CH
[73] LOMBARDINI, MARCO, ZZ
[85] 2015-06-25
[86] 2013-05-29 (PCT/IB2013/054436)
[87] (WO2013/182956)
[30] CH (00776/12) 2012-06-05

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[11] **2,896,539**
[13] A1
[51] **Int.Cl. G01N 33/483 (2006.01) G01N 30/72 (2006.01)**
[25] EN
[54] **C PEPTIDE DETECTION BY MASS SPECTROMETRY**
[54] **DETECTION DU PEPTIDE C PAR SPECTROMETRIE DE MASSE**
[72] CLARKE, NIGEL, US
[72] CHEN, ZHAOHUI, US
[73] QUEST DIAGNOSTICS INVESTMENTS INCORPORATED, US
[73] CLARKE, NIGEL, ZZ
[73] CHEN, ZHAOHUI, ZZ
[85] 2015-06-25
[86] 2013-12-23 (PCT/US2013/077575)
[87] (WO2014/105858)
[30] US (61/745,976) 2012-12-26

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[11] **2,896,772**
[13] A1
[51] **Int.Cl. H01R 9/24 (2006.01) H01R 4/36 (2006.01) H01R 4/48 (2006.01) H01R 4/66 (2006.01) H01R 13/40 (2006.01) H01R 13/58 (2006.01)**
[25] EN
[54] **TERMINAL BLOCK WITH GROUND STRAP, SPRING FORCE TERMINALS, AND SCREW LUG TERMINAL**
[54] **BLOC TERMINAL DOTE D'UNE COURROIE DE MISE A LA TERRE, DE BORNES DE FORCE A RESSORT ET OREILLE DE VIS DE BORNE**
[72] HYDER, LASHANNON S., US
[73] GE LIGHTING SOLUTIONS, LLC, US
[73] HYDER, LASHANNON S., ZZ
[86] (2896772)
[87] (2896772)
[22] 2015-07-09
[30] US (62/028,061) 2014-07-23
[30] US (14/715,671) 2015-05-19

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[11] **2,898,887**
[13] A1
[51] **Int.Cl. C09K 8/24 (2006.01) C09K 8/035 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **BENEFICIATED CLAY VISCOSIFYING ADDITIVES**
[54] **ADDITIFS DE VISCOSIFICATION D'ARGILE ENRICHIE**
[72] CORTNER, THOMAS S., US
[72] LANDIS, CHARLES R., US
[72] FRANTZ, ERIC B., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] CORTNER, THOMAS S., ZZ
[73] LANDIS, CHARLES R., ZZ
[73] FRANTZ, ERIC B., ZZ
[85] 2015-07-21
[86] 2014-03-18 (PCT/US2014/031036)
[87] (WO2014/160559)
[30] US (13/853,423) 2013-03-29

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[11] **2,899,073**
[13] A1
[51] **Int.Cl. A61M 25/01 (2006.01) A61B 8/12 (2006.01)**
[25] EN
[54] **ENDOSCOPIC ULTRASOUND-GUIDED BILIARY ACCESS SYSTEM**
[54] **MECANISME D'ACCES BILIAIRE ENDOSCOPIQUE GUIDE PAR ULTRASON**
[72] MCWEENEY, JOHN O., US
[73] COVIDIEN LP, US
[73] MCWEENEY, JOHN O., ZZ
[86] (2899073)
[87] (2899073)
[22] 2015-07-30
[30] US (14/494,685) 2014-09-24

[11] **2,900,120**
[13] A1
[51] **Int.Cl. A61K 31/409 (2006.01) A61K 9/19 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **HPPH LYOPHILIZED POWDER INJECTION FOR INJECTION AND PREPARATION METHOD THEREOF**
[54] **POUDRE LYOPHILISEE DE HPPH POUR INJECTION ET SON PROCEDE DE PREPARATION**
[72] FENG, CHUNRONG, CN
[72] ZHANG, HUANWEI, CN
[72] WANG, JIANQIAO, CN
[73] ZHEJIANG HISUN PHARMACEUTICAL CO., LTD., CN
[73] FENG, CHUNRONG, ZZ
[73] ZHANG, HUANWEI, ZZ
[73] WANG, JIANQIAO, ZZ
[85] 2015-08-04
[86] 2014-01-21 (PCT/CN2014/070974)
[87] (WO2014/121691)
[30] CN (201310046627.6) 2013-02-05

[11] **2,900,302**
[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61K 31/444 (2006.01) A61P 25/16 (2006.01) A61P 25/18 (2006.01) A61P 25/22 (2006.01) A61P 25/24 (2006.01) A61P 25/28 (2006.01) A61P 37/08 (2006.01)**
[25] EN
[54] **AZABENZIMIDAZOLE COMPOUNDS AS INHIBITORS OF PDE4 ISOZYMES FOR THE TREATMENT OF CNS AND OTHER DISORDERS**
[54] **COMPOSES D'AZABENZIMIDAZOLE EN TANT QU'INHIBITEURS D'ISOZYMES PDE4 POUR LE TRAITEMENT DE TROUBLES DU SNC ET D'AUTRES AFFECTIONS**
[72] CHAPPIE, THOMAS ALLEN, US
[72] HAYWARD, MATTHEW MERRILL, US
[72] PATEL, NANDINI CHATURBHAI, US
[72] VERHOEST, PATRICK ROBERT, US
[73] PFIZER INC., US
[73] CHAPPIE, THOMAS ALLEN, ZZ
[73] HAYWARD, MATTHEW MERRILL, ZZ
[73] PATEL, NANDINI CHATURBHAI, ZZ
[73] VERHOEST, PATRICK ROBERT, ZZ
[85] 2015-08-05
[86] 2014-02-06 (PCT/IB2014/058840)
[87] (WO2014/128585)
[30] US (61/766,268) 2013-02-19

[11] **2,900,780**
[13] A1
[51] **Int.Cl. G02F 1/19 (2006.01) C09K 9/02 (2006.01)**
[25] EN
[54] **HIGH TEMPERATURE RANGE AND HIGH STRAIN RANGE TRANSPARENT COMPOSITES BASED ON MATRICES HAVING OPTICALLY TUNABLE REFRACTIVE INDICES**
[54] **COMPOSITES TRANSPARENTS HAUTE TEMPERATURE ET HAUTE RESISTIVITE FONDES SUR DES MATRICES AYANT DES INDICES DE REFRACTION AJUSTABLES OPTIQUEMENT**
[72] WILENSKI, MARK S., US
[73] THE BOEING COMPANY, US
[73] WILENSKI, MARK S., ZZ
[86] (2900780)
[87] (2900780)
[22] 2015-08-17
[30] US (14/566,440) 2014-12-10

[11] **2,900,960**
[13] A1
[51] **Int.Cl. A61K 9/52 (2006.01) A61K 31/485 (2006.01) A61K 47/30 (2006.01) A61P 25/04 (2006.01) A61P 25/36 (2006.01)**
[25] EN
[54] **TAMPER RESISTANT PHARMACEUTICAL FORMULATIONS**
[54] **PREPARATIONS PHARMACEUTIQUES INVIOLABLES**
[72] ABU SHMEIS, RAMA, US
[72] MULEY, SHEETAL R., US
[72] SHEN, XIAOHONG, US
[72] ZONG, ZHIXIN, US
[73] PURDUE PHARMA L.P., US
[73] ABU SHMEIS, RAMA, ZZ
[73] MULEY, SHEETAL R., ZZ
[73] SHEN, XIAOHONG, ZZ
[73] ZONG, ZHIXIN, ZZ
[85] 2015-08-10
[86] 2014-03-14 (PCT/US2014/028260)
[87] (WO2014/144027)
[30] US (61/798,213) 2013-03-15

[11] **2,903,241**
[13] A1
[51] **Int.Cl. H04N 21/442 (2011.01) H04N 21/234 (2011.01) H04N 21/258 (2011.01) H04N 21/262 (2011.01) H04N 21/43 (2011.01) H04N 21/6543 (2011.01) H04N 21/81 (2011.01)**
[25] EN
[54] **ATTENTION ESTIMATION TO CONTROL THE DELIVERY OF DATA AND AUDIO/VIDEO CONTENT**
[54] **ESTIMATION D'ATTENTION POUR COMMANDER LA LIVRAISON DE DONNEES ET D'UN CONTENU AUDIO/VIDEO**
[72] NEEDHAM, MICHAEL L., US
[72] BAUM, KEVIN L., US
[72] ISHTIAQ, FAISAL, US
[72] LI, RENXIANG, US
[72] MOHAPATRA, SHIVAJIT, US
[73] NEEDHAM, MICHAEL L., ZZ
[73] BAUM, KEVIN L., ZZ
[73] ISHTIAQ, FAISAL, ZZ
[73] LI, RENXIANG, ZZ
[73] MOHAPATRA, SHIVAJIT, ZZ
[73] ARRIS ENTERPRISES LLC, US
[85] 2015-08-31
[86] 2014-03-13 (PCT/US2014/025358)
[87] (WO2014/151281)
[30] US (13/840,342) 2013-03-15

[11] **2,903,304**
[13] A1
[51] **Int.Cl. A61M 25/10 (2013.01)**
[25] EN
[54] **CONFORMABLE BALLOON DEVICES AND METHODS**
[54] **DISPOSITIFS ET PROCEDES DE BALLONNET CONFORMABLE**
[72] CAMPBELL, CAREY V., US
[72] MAULDING, MATTHEW E., US
[72] TRAPP, BENJAMIN M., US
[73] W.L. GORE & ASSOCIATES, INC., US
[73] CAMPBELL, CAREY V., ZZ
[73] MAULDING, MATTHEW E., ZZ
[73] TRAPP, BENJAMIN M., ZZ
[85] 2015-08-31
[86] 2014-03-14 (PCT/US2014/027615)
[87] (WO2014/152684)
[30] US (61/786,022) 2013-03-14
[30] US (14/209,711) 2014-03-13

[11] **2,904,391**
[13] A1
[51] **Int.Cl. A61F 13/56 (2006.01) A61F 13/62 (2006.01) A61F 13/64 (2006.01)**
[25] EN
[54] **DISPOSABLE ABSORBENT REFASTENABLE ARTICLES COMPRISING FOLDED FASTENING TAB MEMBERS**
[54] **ARTICLES REATTACHABLES ABSORBANTS JETABLES COMPRENANT DES COMPOSANTS DE PATTES DE FIXATION PLIEES**
[72] LAVON, GARY DEAN, US
[72] BARNHORST, JACOB ALAN, US
[73] THE PROCTER & GAMBLE COMPANY, US
[73] LAVON, GARY DEAN, ZZ
[73] BARNHORST, JACOB ALAN, ZZ
[85] 2015-09-04
[86] 2014-03-14 (PCT/US2014/028475)
[87] (WO2014/144177)
[30] US (61/787,416) 2013-03-15

[11] **2,904,673**
[13] A1
[51] **Int.Cl. E21B 23/00 (2006.01)**
[25] EN
[54] **BREAK-AWAY SUPPORT RING FOR WELLBORE APPARATUS**
[54] **BAGUE DE SUPPORT POUVANT ETRE ROMPUE POUR APPAREIL DE FORAGE DE PUITS**
[72] BROWN, MIKE, US
[72] PASZEK, NATE, US
[73] SCIENTIFIC DRILLING INTERNATIONAL, INC., US
[73] BROWN, MIKE, ZZ
[73] PASZEK, NATE, ZZ
[85] 2015-09-08
[86] 2014-03-13 (PCT/US2014/025973)
[87] (WO2014/160173)
[30] US (61/782,906) 2013-03-14

[11] **2,907,294**
[13] A1
[51] **Int.Cl. B65B 13/02 (2006.01) B65B 13/18 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR FORMING AND APPLYING EDGE PROTECTORS**
[54] **APPAREIL ET METHODE DE FORMATION ET D'APPLICATION DE PROTECTEURS DE BORD**
[72] TERMANAS, JEFFREY D., US
[72] THOMAS, DAVID C., US
[72] CIURKOT, JANUSZ, US
[73] SIGNODE INDUSTRIAL GROUP LLC, US
[73] TERMANAS, JEFFREY D., ZZ
[73] THOMAS, DAVID C., ZZ
[73] CIURKOT, JANUSZ, ZZ
[86] (2907294)
[87] (2907294)
[22] 2015-10-06
[30] US (62/085,974) 2014-12-01
[30] US (14/863,763) 2015-09-24

[11] **2,907,817**
[13] A1
[51] **Int.Cl. B64C 3/34 (2006.01) B32B 1/02 (2006.01) B60K 15/03 (2006.01) B64D 45/02 (2006.01) C08J 5/24 (2006.01)**
[25] EN
[54] **FUEL TANK, MAIN WINGS, AIRCRAFT FUSELAGE, AIRCRAFT, AND MOVING BODY**
[54] **RESERVOIR DE CARBURANT, AILES PRINCIPALES, FUSELAGE D'AERONEF, AERONEF ET CORPS MOBILE**
[72] KAMIHARA, NOBUYUKI, JP
[72] KISHIMOTO, KAZUAKI, JP
[72] ABE, TOSHIO, JP
[72] KAMINO, YUICHIRO, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[73] KAMIHARA, NOBUYUKI, ZZ
[73] KISHIMOTO, KAZUAKI, ZZ
[73] ABE, TOSHIO, ZZ
[73] KAMINO, YUICHIRO, ZZ
[85] 2015-09-22
[86] 2014-02-18 (PCT/JP2014/053693)
[87] (WO2014/156369)
[30] JP (2013-064443) 2013-03-26

[11] **2,908,968**
[13] A1
[51] **Int.Cl. C09K 8/035 (2006.01) C09K 8/512 (2006.01) C09K 8/88 (2006.01)**
[25] EN
[54] **WETTABILITY ALTERING GELLABLE TREATMENT FLUIDS**
[54] **FLUIDES DE TRAITEMENT GELIFIABLES MODIFIANT LA MOUILLABILITE**
[72] GAMAGE, PUBUDU H., US
[72] SHUMWAY, WILLIAM WALTER, US
[72] DEVILLE, JAY PAUL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] GAMAGE, PUBUDU H., ZZ
[73] SHUMWAY, WILLIAM WALTER, ZZ
[73] DEVILLE, JAY PAUL, ZZ
[85] 2015-10-05
[86] 2014-04-01 (PCT/US2014/032545)
[87] (WO2014/200611)
[30] US (13/916,086) 2013-06-12

[11] **2,909,338**
[13] A1
[51] **Int.Cl. F03D 80/30 (2016.01)**
[25] EN
[54] **WIND TURBINE AND A LIGHTNING PROTECTION UNIT FOR A WIND TURBINE**
[54] **EOLIENNE ET MODULE DE PROTECTION CONTRE LA FOUDRE POUR EOLIENNE**
[72] EDEN, GEORG, DE
[72] SARTORIUS, FLORIAN, DE
[73] WOBBEN PROPERTIES GMBH, DE
[73] EDEN, GEORG, ZZ
[73] SARTORIUS, FLORIAN, ZZ
[85] 2015-10-09
[86] 2014-05-08 (PCT/EP2014/059503)
[87] (WO2014/184094)
[30] DE (10 2013 208 792.6) 2013-05-14

[11] **2,909,566**
[13] A1
[51] **Int.Cl. H04N 19/70 (2014.01) H04N 19/00 (2014.01) H04N 19/46 (2014.01)**
[25] EN
[54] **AN APPARATUS, A METHOD AND A COMPUTER PROGRAM FOR VIDEO CODING AND DECODING**
[54] **APPAREIL, PROCEDE ET PROGRAMME INFORMATIQUE POUR CODAGE ET DECODAGE VIDEO**
[72] LAINEMA, JANI, FI
[72] HANNUKSELA, MISKA, FI
[72] UGUR, KEMAL, FI
[72] MALAMAL VADAKITAL, VINOD KUMAR, FI
[73] NOKIA TECHNOLOGIES OY, FI
[73] LAINEMA, JANI, ZZ
[73] HANNUKSELA, MISKA, ZZ
[73] UGUR, KEMAL, ZZ
[73] MALAMAL VADAKITAL, VINOD KUMAR, ZZ
[85] 2015-10-15
[86] 2014-04-16 (PCT/FI2014/050274)
[87] (WO2014/170547)
[30] US (61/812,883) 2013-04-17

[11] **2,909,677**
[13] A1
[51] **Int.Cl. B43K 29/00 (2006.01) G06F 3/0354 (2013.01) G06F 3/044 (2006.01)**
[25] EN
[54] **USE OF A DEVICE AS AN INPUT DEVICE FOR TOUCH-SENSITIVE, CAPACITIVE SURFACES**
[54] **UTILISATION D'UN APPAREIL COMME APPAREIL D'ENTREE POUR DES SURFACES TACTILES CAPACITIVES**
[72] SCHWAB, OLIVER, DE
[73] SCHWAB, OLIVER, ZZ
[73] STAEDTLER MARS GMBH & CO. KG, DE
[85] 2015-10-16
[86] 2014-04-12 (PCT/EP2014/000984)
[87] (WO2014/180530)
[30] DE (10 2013 008 231.5) 2013-05-08

[11] **2,910,098**
[13] A1
[51] **Int.Cl. H04W 24/10 (2009.01) H04W 28/12 (2009.01) H04W 36/30 (2009.01) H04L 12/951 (2013.01)**
[25] EN
[54] **INTER-ENODE B HANDOVER PROCEDURE**
[54] **PROCEDURE DE TRANSFERT ENTRE DES NOEUDS B ELECTRONIQUES**
[72] KITAZOE, MASATO, US
[73] QUALCOMM INCORPORATED, US
[73] KITAZOE, MASATO, ZZ
[86] (2910098)
[87] (2910098)
[22] 2007-10-30
[62] 2,665,452
[30] US (60/863,791) 2006-10-31

[11] **2,910,703**
[13] A1
[51] **Int.Cl. C23C 2/06 (2006.01) B21D 22/02 (2006.01) C21D 1/673 (2006.01) C21D 1/78 (2006.01) C23C 2/28 (2006.01)**
[25] EN
[54] **ZINC-COATED STEEL FOR PRESS HARDENING APPLICATIONS AND METHOD OF PRODUCTION**
[54] **ACIER RECOUVERT DE ZINC POUR APPLICATION DE DURCISSEMENT PAR PRESSE ET PROCEDE DE PRODUCTION ASSOCIE**
[72] MUTSCHLER, RALPH, US
[72] THOMAS, GRANT AARON, US
[72] JANAVICIUS, PAUL VALDAS, US
[72] GARZA-MARTINEZ, LUIS G., US
[73] AK STEEL PROPERTIES, INC., US
[73] MUTSCHLER, RALPH, ZZ
[73] THOMAS, GRANT AARON, ZZ
[73] JANAVICIUS, PAUL VALDAS, ZZ
[73] GARZA-MARTINEZ, LUIS G., ZZ
[85] 2015-10-27
[86] 2014-05-16 (PCT/US2014/038467)
[87] (WO2014/186749)
[30] US (61/824,791) 2013-05-17

[11] **2,911,416**
[13] A1
[51] **Int.Cl. G01N 33/569 (2006.01)**
[25] EN
[54] **BIOMARKER IDENTIFYING METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME D'IDENTIFICATION D'UN MARQUEUR BIOLOGIQUE**
[72] LI, RUI, CN
[72] HUANG, SHI, CN
[72] HE, TAO, US
[72] LIU, JIQUAN, SG
[72] XU, JIAN, CN
[73] THE PROCTER & GAMBLE COMPANY, US
[73] LI, RUI, ZZ
[73] HUANG, SHI, ZZ
[73] HE, TAO, ZZ
[73] LIU, JIQUAN, ZZ
[73] XU, JIAN, ZZ
[85] 2015-11-04
[86] 2013-05-09 (PCT/CN2013/075406)
[87] (WO2014/179965)

---

[11] **2,911,448**
[13] A1
[51] **Int.Cl. G06Q 20/32 (2012.01) G06Q 20/20 (2012.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PRESENCE BASED MOBILE PAYMENT**
[54] **PROCEDE ET SYSTEME DE PAIEMENT MOBILE BASE SUR LA PRESENCE**
[72] RAN, ALEXANDER S., US
[73] INTUIT INC., US
[73] RAN, ALEXANDER S., ZZ
[85] 2015-11-04
[86] 2013-05-22 (PCT/US2013/042129)
[87] (WO2014/185934)
[30] US (13/893,958) 2013-05-14

---

[11] **2,912,335**
[13] A1
[51] **Int.Cl. H04W 52/26 (2009.01) H04W 52/08 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR COMMUNICATION CHANNEL ERROR RATE ESTIMATION**
[54] **METHODE ET APPAREIL POUR UNE ESTIMATION DE TAUX D'ERREUR DE CANAL DE COMMUNICATION**
[72] ANDERSSON, LENNART, SE
[72] WANG, YI-PIN ERIC, US
[72] BOTTOMLEY, GREGORY E., US
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[73] ANDERSSON, LENNART, ZZ
[73] WANG, YI-PIN ERIC, ZZ
[73] BOTTOMLEY, GREGORY E., ZZ
[86] (2912335)
[87] (2912335)
[22] 2006-05-18
[62] 2,608,404
[30] US (60/683,203) 2005-05-20
[30] US (11/296,560) 2005-12-07

---

[11] **2,912,813**
[13] A1
[51] **Int.Cl. F21L 4/02 (2006.01) F21L 4/04 (2006.01) F21L 14/02 (2006.01) F21V 21/096 (2006.01) F21V 21/14 (2006.01) F21V 21/29 (2006.01)**
[25] EN
[54] **LIGHTING DEVICE**
[54] **DISPOSITIF D'ECLAIRAGE**
[72] THOMPSON, TIM, GB
[72] I'ANSON, JESS, GB
[72] YONG, BAO, CN
[73] JACK SEALEY LIMITED, GB
[73] THOMPSON, TIM, ZZ
[73] I'ANSON, JESS, ZZ
[73] YONG, BAO, ZZ
[85] 2015-11-17
[86] 2013-05-14 (PCT/GB2013/051234)
[87] (WO2013/171471)
[30] GB (1208798.7) 2012-05-18
[30] GB (1303503.5) 2013-02-27

---

[11] **2,912,868**
[13] A1
[51] **Int.Cl. E21B 19/02 (2006.01) B66C 1/42 (2006.01) E21B 19/06 (2006.01)**
[25] EN
[54] **COATING SYSTEM FOR TUBULAR GRIPPING COMPONENTS**
[54] **SYSTEME DE REVETEMENT POUR COMPOSANTS DE PREHENSION TUBULAIRES**
[72] DOMEC, BRENNAN S., US
[72] ANGELLE, JEREMY RICHARD, US
[73] FRANK'S INTERNATIONAL, LLC, US
[73] DOMEC, BRENNAN S., ZZ
[73] ANGELLE, JEREMY RICHARD, ZZ
[85] 2015-11-18
[86] 2014-05-30 (PCT/US2014/040303)
[87] (WO2014/194234)
[30] US (61/829,029) 2013-05-30
[30] US (61/835,976) 2013-06-17
[30] US (61/856,420) 2013-07-19

---

[11] **2,912,880**
[13] A1
[51] **Int.Cl. E04D 1/12 (2006.01)**
[25] EN
[54] **ROOFING SHINGLE SYSTEM AND SHINGLES FOR USE THEREIN**
[54] **SYSTEME DE BARDEAUX DE TOITURE ET BARDEAUX DUDIT SYSTEME**
[72] LEITCH, OLAN, US
[72] DUQUE, LUIS, US
[72] SHIAO, MING-LIANG, US
[72] RAILKAR, SUDHIR, US
[73] BUILDING MATERIALS INVESTMENT CORPORATION, US
[73] LEITCH, OLAN, ZZ
[73] DUQUE, LUIS, ZZ
[73] SHIAO, MING-LIANG, ZZ
[73] RAILKAR, SUDHIR, ZZ
[86] (2912880)
[87] (2912880)
[22] 2015-11-20
[30] US (14/550,468) 2014-11-21
[30] US (14/669,538) 2015-03-26
[30] US (14/947,220) 2015-11-20

[11] **2,913,537**
[13] A1
[51] **Int.Cl. B29C 70/22 (2006.01) B29B 11/16 (2006.01) B29C 53/60 (2006.01) B29C 70/30 (2006.01) B29C 70/38 (2006.01)**
[25] EN
[54] **FIBER PREFORM ARCHITECTURE FOR COMPOSITE ARTICLES AND METHOD OF FABRICATION**
[54] **ARCHITECTURE DE PREFORME DE FIBRE POUR ARTICLES COMPOSITES, ET PROCEDE DE FABRICATION**
[72] YOON, YOSANG, US
[72] VERMILYEA, MARK ERNEST, US
[72] CHEN-KEAT, TERESA TIASHU, US
[72] XIE, MING, US
[73] GENERAL ELECTRIC COMPANY, US
[73] YOON, YOSANG, ZZ
[73] VERMILYEA, MARK ERNEST, ZZ
[73] CHEN-KEAT, TERESA TIASHU, ZZ
[73] XIE, MING, ZZ
[85] 2015-11-25
[86] 2014-05-13 (PCT/US2014/037854)
[87] (WO2014/193646)
[30] US (13/906,127) 2013-05-30

---

[11] **2,913,887**
[13] A1
[51] **Int.Cl. A47C 9/10 (2006.01) A47C 4/30 (2006.01) A47C 4/34 (2006.01)**
[25] EN
[54] **A COLLAPSIBLE CHAIR AND MANUFACTURING METHOD THEREOF**
[54] **CHAISE PLIABLE ET PROCEDE DE FABRICATION ASSOCIE**
[72] LEE, YOUN JAE, KR
[73] LEE, YOUN JAE, ZZ
[73] ZINUS INC., KR
[85] 2015-11-26
[86] 2014-02-03 (PCT/KR2014/000903)
[87] (WO2015/046679)
[30] US (14/040,633) 2013-09-28

---

[11] **2,913,939**
[13] A1
[51] **Int.Cl. G01M 3/00 (2006.01) G01M 3/24 (2006.01) F16L 55/30 (2006.01)**
[25] EN
[54] **DEVICE FOR TESTING DUCTS**
[54] **SYSTEME DE CONTROLE DE CANALISATIONS**
[72] TAFERNER, MARKO, AT
[73] TAFERNER, MARKO, AT
[85] 2015-11-30
[86] 2014-09-25 (PCT/AT2014/000173)
[87] (WO2015/077805)
[30] AT (A 911/2013) 2013-11-28

---

[11] **2,915,920**
[13] A1
[51] **Int.Cl. A61K 8/02 (2006.01) A61Q 19/10 (2006.01)**
[25] EN
[54] **PERSONAL CARE ARTICLES**
[54] **ARTICLES DE SOINS PERSONNELS**
[72] MCCONAUGHY, SHAWN DAVID, US
[72] SMITH, EDWARD DEWEY, III, US
[73] THE PROCTER & GAMBLE COMPANY, US
[73] MCCONAUGHY, SHAWN DAVID, ZZ
[73] SMITH, EDWARD DEWEY, III, ZZ
[85] 2015-12-16
[86] 2014-06-26 (PCT/US2014/044205)
[87] (WO2014/210230)
[30] US (61/840,084) 2013-06-27
[30] US (61/840,157) 2013-06-27
[30] US (61/840,120) 2013-06-27
[30] US (61/886,502) 2013-10-03
[30] US (61/886,508) 2013-10-03
[30] US (61/918,739) 2013-12-20

---

[11] **2,916,013**
[13] A1
[51] **Int.Cl. E05B 65/44 (2006.01)**
[25] EN
[54] **DOOR LOCK MECHANISM**
[54] **MECANISME DE VERROU DE PORTE**
[72] SHARP, WILLIAM T., US
[73] SNAP-ON INCORPORATED, US
[73] SHARP, WILLIAM T., ZZ
[86] (2916013)
[87] (2916013)
[22] 2015-12-23
[30] US (14/719,362) 2015-05-22

---

[11] **2,918,437**
[13] A1
[51] **Int.Cl. B29C 41/14 (2006.01) A41D 19/00 (2006.01) C08F 236/18 (2006.01) C08J 3/26 (2006.01) C08L 13/02 (2006.01)**
[25] EN
[54] **ELASTOMERIC FILM-FORMING COMPOSITIONS AND ARTICLES MADE FROM THE ELASTOMERIC FILM**
[54] **COMPOSITIONS DE FORMATION DE FILM ELASTOMERE ET ARTICLES FABRIQUES A PARTIR DU FILM ELASTOMERE**
[72] FOO, KHON PU, MY
[72] PRABHAKARAN, KUMARESAN, ID
[73] SKINPROTECT CORPORATION SDN BHD, MY
[73] FOO, KHON PU, ZZ
[73] PRABHAKARAN, KUMARESAN, ZZ
[85] 2016-01-15
[86] 2014-07-16 (PCT/AU2014/000727)
[87] (WO2015/006808)
[30] AU (2013902628) 2013-07-16

---

[11] **2,919,753**
[13] A1
[51] **Int.Cl. F24D 10/00 (2006.01) F24D 11/00 (2006.01) F24D 11/02 (2006.01)**
[25] EN
[54] **THERMAL CONNECTION OF A GEOTHERMAL SOURCE TO A DISTRICT HEATING NETWORK**
[54] **CONNEXION THERMOTECHNIQUE D'UNE SOURCE GEOTHERMIQUE A UN RESEAU DE CHAUFFAGE A DISTANCE**
[72] LENK, UWE, DE
[72] REISSNER, FLORIAN, DE
[72] SCHAFER, JOCHEN, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[73] LENK, UWE, ZZ
[73] REISSNER, FLORIAN, ZZ
[73] SCHAFER, JOCHEN, ZZ
[85] 2016-01-28
[86] 2014-07-21 (PCT/EP2014/065598)
[87] (WO2015/014648)
[30] DE (10 2013 214 891.7) 2013-07-30

[11] **2,920,130**
[13] A1
[51] **Int.Cl. B02C 7/12 (2006.01) A47J 31/00 (2006.01) A47J 31/40 (2006.01) A47J 31/44 (2006.01) A47J 42/16 (2006.01) B02C 7/08 (2006.01)**
[25] EN
[54] **MILL AND BEVERAGE PREPARATION APPARATUS INCLUDING THE SAME**
[54] **MORTIER ET DISPOSITIF DE FABRICATION DE BOISSON ASSOCIE**
[72] MISUMI, MASARU, JP
[72] SHIMA, HIDEKAZU, JP
[72] SAWADA, TAKESHI, JP
[73] SHARP KABUSHIKI KAISHA, JP
[73] MISUMI, MASARU, ZZ
[73] SHIMA, HIDEKAZU, ZZ
[73] SAWADA, TAKESHI, ZZ
[85] 2016-02-01
[86] 2014-08-04 (PCT/JP2014/070445)
[87] (WO2015/019986)
[30] JP (2013-162478) 2013-08-05
[30] JP (2014-016472) 2014-01-31

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[11] **2,920,211**
[13] A1
[51] **Int.Cl. B25B 13/48 (2006.01) B25B 13/00 (2006.01) B25B 23/16 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR INCREASING THE EFFICIENCY OF A REMOTE WRENCH**
[54] **METHODES ET SYSTEMES DESTINES A AUGMENTER L'EFFICACITE D'UNE CLE DISTANTE**
[72] GUPTE, ANUP A., US
[72] EGGERT, DANIEL, US
[73] GUPTE, ANUP A., ZZ
[73] EGGERT, DANIEL, ZZ
[73] SNAP-ON INCORPORATED, US
[86] (2920211)
[87] (2920211)
[22] 2016-02-08
[30] US (62/117,008) 2015-02-17
[30] US (15/005,199) 2016-01-25

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[11] **2,920,463**
[13] A1
[51] **Int.Cl. C09K 8/24 (2006.01) C09K 8/588 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **DRILLING FLUID COMPOSITION INCLUDING VISCOSIFIER AND METHOD OF USING THE SAME**
[54] **COMPOSITION DE FLUIDE DE FORAGE COMPRENANT UN AMELIORANT D'INDICE DE VISCOSITE ET SON PROCEDE D'UTILISATION**
[72] ZHOU, HUI, US
[72] DEVILLE, JAY PAUL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] ZHOU, HUI, ZZ
[73] DEVILLE, JAY PAUL, ZZ
[85] 2016-02-04
[86] 2013-09-20 (PCT/US2013/060909)
[87] (WO2015/041679)

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[11] **2,920,936**
[13] A1
[51] **Int.Cl. G01B 21/24 (2006.01) B25J 5/02 (2006.01)**
[25] EN
[54] **ALIGNMENT METER FOR A RAIL SYSTEM**
[54] **DISPOSITIF DE MESURE D'ALIGNEMENT DESTINE A UN SYSTEME DE RAIL**
[72] JAYNES, ROBERT, US
[72] WHITEMAN, LESTER, US
[72] ECKERT, ROBERT, US
[73] AESYNT INCORPORATED, US
[73] JAYNES, ROBERT, ZZ
[73] WHITEMAN, LESTER, ZZ
[73] ECKERT, ROBERT, ZZ
[86] (2920936)
[87] (2920936)
[22] 2016-02-17
[30] US (14/625,123) 2015-02-18

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[11] **2,922,171**
[13] A1
[51] **Int.Cl. A61K 31/22 (2006.01) A61P 17/00 (2006.01)**
[25] EN
[54] **COMPOSITION CONTAINING MONOACETYLDIGLYCERIDE COMPOUND AS ACTIVE INGREDIENT FOR PREVENTING OR TREATING ATOPIC DERMATITIS**
[54] **COMPOSITION CONTENANT UN COMPOSE DE MONOACETYLDIACYLGLYCEROL COMME PRINCIPE ACTIF POUR PREVENIR OU TRAITER LA DERMATITE ATOPIQUE**
[72] KIM, JAE WHA, KR
[72] OH, SEI-RYANG, KR
[72] AHN, KYUNG SEOP, KR
[72] KANG, HO BUM, KR
[72] YOO, JAE MINE, KR
[72] KANG, JONGKOO, KR
[72] KIM, HYE KYUNG, KR
[72] YOOK, JIN SOO, KR
[72] SOHN, KI YOUNG, KR
[73] ENZYCHEM LIFESCIENCES CORPORATION, KR
[73] KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY, KR
[73] KIM, JAE WHA, ZZ
[73] OH, SEI-RYANG, ZZ
[73] AHN, KYUNG SEOP, ZZ
[73] KANG, HO BUM, ZZ
[73] YOO, JAE MINE, ZZ
[73] KANG, JONGKOO, ZZ
[73] KIM, HYE KYUNG, ZZ
[73] YOOK, JIN SOO, ZZ
[73] SOHN, KI YOUNG, ZZ
[85] 2016-02-22
[86] 2014-09-03 (PCT/KR2014/008229)
[87] (WO2015/034247)
[30] KR (10-2013-0105752) 2013-09-03

[11] 2,923,950
[13] A1
[51] **Int.Cl. C02F 1/32 (2006.01)**
[25] EN
[54] **ULTRAVIOLET IRRADIATION DEVICE**
[54] **DISPOSITIF D'IRRADIATION AUX ULTRAVIOLETS**
[72] ABE, NORIMITSU, JP
[72] KOBAYASHI, SHINJI, JP
[72] IDE, TAKESHI, JP
[72] SHIROTA, AKIHIKO, JP
[72] TAKEUCHI, KENJI, JP
[73] KABUSHIKI KAISHA TOSHIBA, JP
[73] ABE, NORIMITSU, ZZ
[73] KOBAYASHI, SHINJI, ZZ
[73] IDE, TAKESHI, ZZ
[73] SHIROTA, AKIHIKO, ZZ
[73] TAKEUCHI, KENJI, ZZ
[85] 2016-03-09
[86] 2014-03-12 (PCT/JP2014/056569)
[87] (WO2015/037258)
[30] JP (2013-189252) 2013-09-12

[11] 2,924,122
[13] A1
[51] **Int.Cl. E21B 49/00 (2006.01) E21B 49/08 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR DETERMINING SWELLING REACTIVITY OF MATERIALS UNDER SUBTERRANEAN WELLBORE CONDITIONS**
[54] **APPAREIL ET PROCEDES POUR DETERMINER LA REACTIVITE DE GONFLEMENT DE MATERIAUX DANS DES CONDITIONS DE PUITS SOUTERRAIN**
[72] SAVARI, SHARATH, US
[72] GAJJI, BHARGAV, IN
[72] KURELLA, SOMESH, IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] SAVARI, SHARATH, ZZ
[73] GAJJI, BHARGAV, ZZ
[73] KURELLA, SOMESH, ZZ
[85] 2016-03-11
[86] 2013-10-15 (PCT/US2013/065089)
[87] (WO2015/057208)

[11] 2,925,272
[13] A1
[51] **Int.Cl. C09K 8/524 (2006.01) C09K 8/035 (2006.01) E21B 37/06 (2006.01) E21B 43/25 (2006.01)**
[25] EN
[54] **FREEZE/THAW STABLE LATEX EMULSION FOR TREATMENT OF WELL BORE TAR**
[54] **EMULSION DE TYPE LATEX STABLE VIS-A-VIS DU GEL/DEGEL POUR LE TRAITEMENT DE GOUDRON DE PUITS DE FORAGE**
[72] LIVANEC, PHILIP WAYNE, US
[72] PEREZ, GREGORY PAUL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] LIVANEC, PHILIP WAYNE, ZZ
[73] PEREZ, GREGORY PAUL, ZZ
[85] 2016-03-23
[86] 2013-11-04 (PCT/US2013/068285)
[87] (WO2015/065488)

[11] 2,925,848
[13] A1
[51] **Int.Cl. G11C 11/44 (2006.01) G06N 99/00 (2010.01) B82Y 10/00 (2011.01) G01R 33/035 (2006.01) H01L 27/18 (2006.01) H01L 39/02 (2006.01) H01L 39/22 (2006.01) H01L 39/24 (2006.01) H03K 3/38 (2006.01)**
[25] EN
[54] **PHASE HYSTERETIC MAGNETIC JOSEPHSON JUNCTION MEMORY CELL**
[54] **CELLULE DE MEMOIRE A JONCTION DE JOSEPHSON MAGNETIQUE A HYSTERESIS DE PHASE**
[72] HERR, ANNA Y., US
[72] HERR, QUENTIN P., US
[72] NAAMAN, OFER, US
[73] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
[73] HERR, ANNA Y., ZZ
[73] HERR, QUENTIN P., ZZ
[73] NAAMAN, OFER, ZZ
[85] 2016-03-30
[86] 2014-07-16 (PCT/US2014/046886)
[87] (WO2015/050621)
[30] US (14/043,360) 2013-10-01

[11] 2,926,183
[13] A1
[51] **Int.Cl. A61K 38/10 (2006.01) A61K 38/16 (2006.01) A61K 38/17 (2006.01) A61P 13/08 (2006.01)**
[25] EN
[54] **COMPOSITION FOR TREATING AND PREVENTING BENIGN PROSTATIC HYPERPLASIA**
[54] **COMPOSITION DE TRAITEMENT ET DE PREVENTION DE L'HYPERTROPHIE BENIGNE DE LA PROSTATE**
[72] KIM, SANG JAE, KR
[73] GEMVAX & KAEL CO., LTD., KR
[73] KIM, SANG JAE, KR
[85] 2016-04-01
[86] 2014-10-23 (PCT/KR2014/010035)
[87] (WO2015/060673)
[30] KR (10-2013-0126666) 2013-10-23

[11] 2,926,615
[13] A1
[51] **Int.Cl. E21B 19/24 (2006.01) E21B 17/00 (2006.01)**
[25] EN
[54] **BREAKWAY OBTURATOR FOR DOWNHOLE TOOLS**
[54] **OBTURATEUR DE SEPARATION POUR DES OUTILS DE FOND DE TROU**
[72] ACOSTA, FRANK VINICIO, US
[72] BUDLER, NICHOLAS FREDERICK, US
[72] KEY, JOHN ROLAND, US
[72] HELMS, LONNIE, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] ACOSTA, FRANK VINICIO, ZZ
[73] BUDLER, NICHOLAS FREDERICK, ZZ
[73] KEY, JOHN ROLAND, ZZ
[73] HELMS, LONNIE, ZZ
[85] 2016-04-05
[86] 2013-11-22 (PCT/US2013/071504)
[87] (WO2015/076831)

[11] **2,927,087**
[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01) E21B 43/08 (2006.01)**
[25] EN
[54] **FLOW RINGS FOR REGULATING FLOW IN AUTONOMOUS INFLOW CONTROL DEVICE ASSEMBLIES**
[54] **BAGUES D'ECOULEMENT POUR REGULER UN ECOULEMENT DANS DES ENSEMBLES DISPOSITIFS DE COMMANDE D'ECOULEMENT D'ENTREE AUTONOMES**
[72] SMART, DAVID ALEXANDER, US
[72] HUFFER, WILLIAM RYAN, US
[72] BONNER, AARON, US
[72] LOPEZ, JEAN MARC, US
[72] COX, JOHN BENJAMIN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] SMART, DAVID ALEXANDER, ZZ
[73] HUFFER, WILLIAM RYAN, ZZ
[73] BONNER, AARON, ZZ
[73] LOPEZ, JEAN MARC, ZZ
[73] COX, JOHN BENJAMIN, ZZ
[85] 2016-04-11
[86] 2013-11-14 (PCT/US2013/070010)
[87] (WO2015/072993)

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[11] **2,927,157**
[13] A1
[51] **Int.Cl. E21B 17/10 (2006.01) E21B 33/14 (2006.01)**
[25] EN
[54] **CENTRALISER HAVING RADIALLY BUCKLING ARMS**
[54] **CENTRALISATEUR COMPORTANT DES BRAS DE FLAMBAGE RADIAL**
[72] MACLEOD, IAIN, GB
[73] MACLEOD, IAIN, ZZ
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2927157)
[87] (2927157)
[22] 2008-11-28
[62] 2,707,591
[30] GB (GB0723607.8) 2007-12-03

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[11] **2,927,568**
[13] A1
[51] **Int.Cl. A23L 5/20 (2016.01) A23L 5/00 (2016.01) A21D 13/42 (2017.01) A47J 37/12 (2006.01)**
[25] EN
[54] **OIL REMOVAL FROM FOOD SURFACE**
[54] **ELIMINATION D'HUILE PRESENTE A LA SURFACE D'ALIMENTS**
[72] HUNZEKER, DAN, US
[73] GENERAL MILLS, INC., US
[73] HUNZEKER, DAN, ZZ
[85] 2016-04-14
[86] 2013-11-01 (PCT/US2013/067923)
[87] (WO2015/065465)

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[11] **2,927,572**
[13] A1
[51] **Int.Cl. G01V 1/28 (2006.01)**
[25] EN
[54] **ADAPTIVE OPTIMIZATION OF OUTPUT POWER, WAVEFORM AND MODE FOR IMPROVING ACOUSTIC TOOLS PERFORMANCE**
[54] **OPTIMISATION ADAPTATIVE DE PUISSANCE DE SORTIE, DE FORME D'ONDE ET DE MODE PERMETTANT L'AMELIORATION DE RENDEMENT D'OUTILS ACOUSTIQUES**
[72] LIM, CHIN WEE, SG
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] LIM, CHIN WEE, ZZ
[85] 2016-04-14
[86] 2013-12-05 (PCT/US2013/073265)
[87] (WO2015/084361)

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[11] **2,927,640**
[13] A1
[51] **Int.Cl. G06Q 30/06 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR EVALUATING PRICING OF REAL ESTATE**
[54] **SYSTEMES ET PROCEDES POUR EVALUER LE PRIX DE BIENS IMMOBILIERS**
[72] GHOSH, DEBASHIS, US
[72] SHUKEN, RANDY, US
[73] MASTERCARD INTERNATIONAL INCORPORATED, US
[73] GHOSH, DEBASHIS, ZZ
[73] SHUKEN, RANDY, ZZ
[85] 2016-04-14
[86] 2014-10-17 (PCT/US2014/061207)
[87] (WO2015/061180)
[30] US (14/060,844) 2013-10-23

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[11] **2,928,098**
[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01) A61B 17/00 (2006.01) A61B 17/42 (2006.01) A61F 6/20 (2006.01)**
[25] EN
[54] **ACTUATOR FOR DEPLOYABLE IMPLANT**
[54] **ACTIONNEUR POUR IMPLANT DEPLOYABLE**
[72] COLEMAN, JAMES E., IE
[72] CUMMINS, CHRISTY, IE
[73] COLEMAN, JAMES E., IE
[73] CUMMINS, CHRISTY, IE
[85] 2016-04-20
[86] 2014-11-20 (PCT/EP2014/075206)
[87] (WO2015/075151)
[30] US (61/906,727) 2013-11-20
[30] US (14/547,959) 2014-11-19

[11] **2,928,921**
[13] A1
[51] **Int.Cl. E21B 10/46 (2006.01) B24D 3/10 (2006.01) E21B 10/43 (2006.01)**
[25] EN
[54] **CUTTING STRUCTURE DESIGN WITH SECONDARY CUTTER METHODOLOGY**
[54] **CONCEPTION DE STRUCTURE DE DECOUPE POSSEDANT UNE METHODOLOGIE A ORGANES COUPANTS SECONDAIRES**
[72] ANDERLE, SETH GARRETT, US
[72] ARFELE, ROBERT W., US
[73] ANDERLE, SETH GARRETT, ZZ
[73] ARFELE, ROBERT W., ZZ
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-04-27
[86] 2013-12-18 (PCT/US2013/076091)
[87] (WO2015/094221)

[11] **2,929,309**
[13] A1
[51] **Int.Cl. C07D 209/14 (2006.01) A61K 31/404 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **PROCESS FOR LARGE SCALE PRODUCTION OF 1-[(2-BROMOPHENYL)SULFONYL]-5-METHOXY-3-[(4-METHYL-1-PIPERAZINYL)METHYL]-1H-INDOLE DIMESYLATE MONOHYDRATE**
[54] **PROCEDE POUR LA PRODUCTION A GRANDE ECHELLE DE 1-[(2-BROMOPHENYL)SULFONYL]-5-METHOXY-3-[(4-METHYL-1-PIPERAZINYL)METHYL]-1H-INDOLE DIMESYLATE MONOHYDRATE**
[72] NIROGI, RAMAKRISHNA, IN
[72] KAMBHAMPATI, RAMA SASTRI, IN
[72] SHINDE, ANIL KARBHARI, IN
[72] JASTI, VENKATESWARLU, IN
[73] SUVEN LIFE SCIENCES LIMITED, IN
[73] NIROGI, RAMAKRISHNA, ZZ
[73] KAMBHAMPATI, RAMA SASTRI, ZZ
[73] SHINDE, ANIL KARBHARI, ZZ
[73] JASTI, VENKATESWARLU, ZZ
[85] 2016-04-29
[86] 2014-02-20 (PCT/IN2014/000109)
[87] (WO2015/083179)
[30] IN (5537/CHE/2013) 2013-12-02

[11] **2,931,661**
[13] A1
[51] **Int.Cl. B23K 35/362 (2006.01) B23K 35/30 (2006.01) C22C 38/00 (2006.01) C22C 38/04 (2006.01)**
[25] EN
[54] **FLUX FOR SUBMERGED ARC WELDING**
[54] **FLUX POUR SOUDAGE A L'ARC SOUS FLUX EN POUDRE**
[72] KANO, SATORU, JP
[72] OTA, MAKOTO, JP
[73] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
[73] KANO, SATORU, ZZ
[73] OTA, MAKOTO, ZZ
[85] 2016-05-25
[86] 2014-12-08 (PCT/JP2014/082456)
[87] (WO2015/087843)
[30] JP (2013-257686) 2013-12-13

[11] **2,931,789**
[13] A1
[51] **Int.Cl. F16L 55/164 (2006.01) B05D 1/02 (2006.01) B29C 73/02 (2006.01) F16L 55/18 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR COATING AND SEALING INSIDE PIPING SYSTEMS**
[54] **PROCEDES ET SYSTEMES SERVANT A REVETIR ET A ADAPTER DE FACON ETANCHE DES SYSTEMES DE TUYAUTERIE INTERIEURE**
[72] GILLANDERS, LARRY, CA
[72] WILLIAMS, STEVE, US
[72] LABORDE, JOHN, US
[73] GILLANDERS, LARRY, CA
[73] WILLIAMS, STEVE, ZZ
[73] LABORDE, JOHN, ZZ
[73] PIPE RESTORATION TECHNOLOGIES, LLC, US
[86] (2931789)
[87] (2931789)
[22] 2007-01-04
[62] 2,674,439

[11] **2,933,153**
[13] A1
[51] **Int.Cl. A61K 47/38 (2006.01) A61K 9/06 (2006.01) A61K 47/30 (2006.01) A61K 47/40 (2006.01)**
[25] EN
[54] **HYALURONIC ACID GEL COMPOSITION HAVING DURABILITY**
[54] **COMPOSITION DE GEL D'ACIDE HYALURONIQUE AYANT UNE PROPRIETE DE LIBERATION PROLONGEE**
[72] WOO, HEE DONG, KR
[72] HUR, JUNG MU, KR
[73] NEW MEDIC CO., LTD., KR
[73] WOO, HEE DONG, ZZ
[73] HUR, JUNG MU, ZZ
[85] 2016-06-08
[86] 2014-12-05 (PCT/KR2014/011912)
[87] (WO2015/088198)
[30] KR (10-2013-0152585) 2013-12-09

[11] **2,933,326**
[13] A1
[51] **Int.Cl. E21B 43/119 (2006.01) E21B 43/116 (2006.01) E21B 43/117 (2006.01)**
[25] EN
[54] **ALIGNMENT SYSTEM FOR PERFORATING GUN**
[54] **SYSTEME D'ALIGNEMENT POUR PERFORATEUR**
[72] LANGFORD, DALE, US
[72] RUDNIK, IAN DOUGLAS, US
[73] HUNTING TITAN, INC., US
[73] LANGFORD, DALE, ZZ
[73] RUDNIK, IAN DOUGLAS, ZZ
[85] 2016-06-09
[86] 2014-10-09 (PCT/US2014/059894)
[87] (WO2015/178952)
[30] US (14/286,587) 2014-05-23

[11] 2,935,332
[13] A1
[51] **Int.Cl. H04N 19/196 (2014.01) H04N 19/12 (2014.01) H04N 19/176 (2014.01) H04N 19/52 (2014.01)**
[25] EN
[54] **VIDEO DECODER, VIDEO ENCODER, VIDEO DECODING METHOD, AND VIDEO ENCODING METHOD**
[54] **DECODEUR VIDEO, ENCODEUR VIDEO, PROCEDE DE DECODAGE VIDEO ET PROCEDE D'ENCODAGE VIDEO**
[72] SHIMADA, SATOSHI, JP
[72] KAZUI, KIMIHIKO, JP
[72] KOYAMA, JUNPEI, JP
[72] NAKAGAWA, AKIRA, JP
[73] FUJITSU LIMITED, JP
[73] SHIMADA, SATOSHI, ZZ
[73] KAZUI, KIMIHIKO, ZZ
[73] KOYAMA, JUNPEI, ZZ
[73] NAKAGAWA, AKIRA, ZZ
[86] (2935332)
[87] (2935332)
[22] 2013-01-16
[62] 2,863,170
[30] JP (2012-010465) 2012-01-20

[11] 2,935,481
[13] A1
[51] **Int.Cl. B29C 70/06 (2006.01) B29C 43/32 (2006.01)**
[25] EN
[54] **FRP SHAPING JIG AND METHOD OF SHAPING FRP STRUCTURE**
[54] **GABARIT DE MOULAGE DE PLASTIQUE RENFORCE DE FIBRE DE VERRE (FRP) ET PROCEDE DE MOULAGE DE STRUCTURE FRP**
[72] ABE, TOSHIO, JP
[72] TAKAGI, KIYOKA, JP
[72] KOYAMA, TAKAYUKI, JP
[72] YOSHINO, KATSUYA, JP
[72] KISHIMOTO, KAZUAKI, JP
[72] SAITO, KOICHI, JP
[72] ISHIDA, TAKASHI, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[73] ABE, TOSHIO, ZZ
[73] TAKAGI, KIYOKA, ZZ
[73] KOYAMA, TAKAYUKI, ZZ
[73] YOSHINO, KATSUYA, ZZ
[73] KISHIMOTO, KAZUAKI, ZZ
[73] SAITO, KOICHI, ZZ
[73] ISHIDA, TAKASHI, ZZ
[85] 2016-06-29
[86] 2015-01-27 (PCT/JP2015/052222)
[87] (WO2015/115437)
[30] JP (2014-017314) 2014-01-31

[11] 2,935,897
[13] A1
[51] **Int.Cl. C07D 221/04 (2006.01) C07D 239/26 (2006.01) C07D 277/24 (2006.01) C07D 277/60 (2006.01) C07D 277/66 (2006.01) C07D 285/12 (2006.01) C07D 333/16 (2006.01) C07D 333/24 (2006.01) C07D 333/56 (2006.01) C07D 401/12 (2006.01) C07D 405/04 (2006.01) C07D 405/12 (2006.01) C07D 409/12 (2006.01) C07D 417/12 (2006.01) C07D 513/06 (2006.01)**
[25] EN
[54] **COMPOUNDS FOR USE AS GPR120 AGONISTS**
[54] **COMPOSES POUVANT ETRE UTILISES A TITRE D'AGONISTES DE GPR120**
[72] KUMAR, SANJAY, IN
[72] SHARMA, RAJIV, IN
[72] HALDER, SOMNATH, IN
[72] SAWARGAVE, SANGAMESHWAR PRABHAKAR, IN
[72] DEORE, VIJAYKUMAR BHAGWAN, IN
[73] PIRAMAL ENTERPRISES LIMITED, IN
[73] KUMAR, SANJAY, ZZ
[73] SHARMA, RAJIV, ZZ
[73] HALDER, SOMNATH, ZZ
[73] SAWARGAVE, SANGAMESHWAR PRABHAKAR, ZZ
[73] DEORE, VIJAYKUMAR BHAGWAN, ZZ
[85] 2016-07-05
[86] 2015-02-18 (PCT/IB2015/051232)
[87] (WO2015/125085)
[30] US (61/941,794) 2014-02-19

[11] **2,935,943**
[13] A1
[51] **Int.Cl. A01N 57/20 (2006.01) A01H 1/00 (2006.01) A01N 25/32 (2006.01) A01P 13/00 (2006.01) C12N 15/54 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **TRANSGENIC BRASSICA EVENT MON 88302 AND METHODS OF USE THEREOF**
[54] **EVENEMENT TRANSGENIQUE MON 88302 DE BRASSICA ET METHODES POUR L'UTILISER**
[72] BROWN, ANDREW J., US
[72] BYRNE, JAMES F., US
[72] CROWLEY, JAMES H., US
[72] MIKLOS, JOHN A., US
[72] RIPLEY, ROBERT C., US
[72] COLE, ROBERT H., US
[72] SEIFERT-HIGGINS, SIMONE, US
[72] XIE, JIALI, US
[73] MONSANTO TECHNOLOGY LLC, US
[73] BROWN, ANDREW J., ZZ
[73] BYRNE, JAMES F., ZZ
[73] CROWLEY, JAMES H., ZZ
[73] MIKLOS, JOHN A., ZZ
[73] RIPLEY, ROBERT C., ZZ
[73] COLE, ROBERT H., ZZ
[73] SEIFERT-HIGGINS, SIMONE, ZZ
[73] XIE, JIALI, ZZ
[86] (2935943)
[87] (2935943)
[22] 2011-06-02
[62] 2,742,005
[30] US (61/351,317) 2010-06-04

[11] **2,936,964**
[13] A1
[51] **Int.Cl. F25D 13/04 (2006.01) F25D 13/02 (2006.01)**
[25] EN
[54] **A LOCKER SYSTEM**
[54] **SYSTEME DE CASIERS**
[72] IMAM, NASHIM, GB
[72] DADE, NIGEL, GB
[72] HUNT, GARETH, GB
[72] CHUNG, HOI KAN, GB
[73] ILLINOIS TOOL WORKS INC., US
[73] IMAM, NASHIM, ZZ
[73] DADE, NIGEL, ZZ
[73] HUNT, GARETH, ZZ
[73] CHUNG, HOI KAN, ZZ
[85] 2016-07-14
[86] 2015-01-28 (PCT/GB2015/050198)
[87] (WO2015/114331)
[30] GB (1401539.0) 2014-01-29
[30] GB (1401910.3) 2014-02-04
[30] GB (1405566.9) 2014-03-27
[30] GB (1411043.1) 2014-06-18
[30] GB (1416641.7) 2014-09-19
[30] GB (1416742.3) 2014-09-22
[30] GB (1423158.3) 2014-12-23

[11] **2,937,726**
[13] A1
[51] **Int.Cl. A01B 73/00 (2006.01) A01C 7/20 (2006.01) F01D 17/20 (2006.01) F15B 9/00 (2006.01) F15B 15/18 (2006.01)**
[25] EN
[54] **AGRICULTURAL IMPLEMENT WITH ELECTRO-HYDRAULIC CYLINDERS**
[54] **EQUIPEMENT AGRICOLE AVEC CYLINDRES ELECTRO-HYDRAULIQUES**
[72] HAHN, DUSTAN, US
[72] ROLFFS, MERLAN, US
[72] MULHERIN, JOHN P., US
[72] ACHEN, COURTNEY N., US
[72] VOLZ, GARY, US
[72] NOLTE, STEVE, US
[72] LEGGE, RYAN, US
[72] SCHILDROTH, RHETT, US
[73] KINZE MANUFACTURING, INC., US
[73] HAHN, DUSTAN, ZZ
[73] ROLFFS, MERLAN, ZZ
[73] MULHERIN, JOHN P., ZZ
[73] ACHEN, COURTNEY N., ZZ
[73] VOLZ, GARY, ZZ
[73] NOLTE, STEVE, ZZ
[73] LEGGE, RYAN, ZZ
[73] SCHILDROTH, RHETT, ZZ
[85] 2016-07-21
[86] 2015-01-23 (PCT/US2015/012685)
[87] (WO2015/112862)
[30] US (61/931,256) 2014-01-24

[11] ***2,937,727**
[13] A1
[51] **Int.Cl. A61L 15/32 (2006.01) A61L 15/44 (2006.01) A61L 26/00 (2006.01)**
[25] EN
[54] **NON-CELLULAR BANDAGE, METHOD OF USING THE SAME, AND METHOD OF PREPARING THE SAME**
[54] **BANDAGE NON CELLULAIRE, SON PROCEDE D'UTILISATION, ET SON PROCEDE DE PREPARATION**
[72] GIET, GABRIELLE, CA
[72] LANE, DALE, CA
[73] ACTIN ENTERPRISES LTD., CA
[85] 2016-07-22
[86] 2014-03-14 (PCT/IB2014/001084)
[87] (WO2014/140880)
[30] US (61/798,808) 2013-03-15
[30] US (14/106,526) 2013-12-13

[11] **2,938,062**
[13] A1
[51] **Int.Cl. B29C 70/06 (2006.01) B29C 43/34 (2006.01)**
[25] EN
[54] **COMPACTOR AND PREPREG SHEET AUTOMATIC LAMINATION DEVICE**
[54] **COMPACTEUR ET DISPOSITIF DE STRATIFICATION AUTOMATIQUE DE FEUILLE PREIMPREGNEE**
[72] TSURUTA, MEGUMU, JP
[72] SHIBUTANI, TAKASHI, JP
[72] SAEKI, KENTAROU, JP
[72] NODA, YOSHITOMO, JP
[72] OWATARI, KOSUKE, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[73] TSURUTA, MEGUMU, ZZ
[73] SHIBUTANI, TAKASHI, ZZ
[73] SAEKI, KENTAROU, ZZ
[73] NODA, YOSHITOMO, ZZ
[73] OWATARI, KOSUKE, ZZ
[85] 2016-07-26
[86] 2015-01-09 (PCT/JP2015/050559)
[87] (WO2015/118903)
[30] JP (2014-023709) 2014-02-10

[11] **2,938,344**
[13] A1
[51] **Int.Cl. C07D 217/02 (2006.01) A61K 31/472 (2006.01) A61P 9/00 (2006.01) C07D 217/24 (2006.01) C07D 405/06 (2006.01)**
[25] FR
[54] **DERIVATIVES OF 5-BENZYLISOQUINOLINE FOR THE TREATMENT OF CARDIOVASCULAR DISEASES**
[54] **DERIVES DE 5-BENZYLISOQUINOLEINE POUR LE TRAITEMENT DE MALADIES CARDIOVASCULAIRES**
[72] CHIMENTI, STEFANO, FR
[72] COURCHAY, CHRISTINE, FR
[72] DESSINGES, AIMEE, FR
[72] GELLIBERT, FRANCOISE, FR
[72] GOUMENT, BERTRAND, FR
[72] KONNERT, MARC, FR
[72] PEGLION, JEAN-LOUIS, FR
[72] POITEVIN, CHRISTOPHE, FR
[72] VILAINE, JEAN-PAUL, FR
[72] VILLENEUVE, NICOLE, FR
[73] LES LABORATOIRES SERVIER, FR
[73] CHIMENTI, STEFANO, ZZ
[73] COURCHAY, CHRISTINE, ZZ
[73] DESSINGES, AIMEE, ZZ
[73] GELLIBERT, FRANCOISE, ZZ
[73] GOUMENT, BERTRAND, ZZ
[73] KONNERT, MARC, ZZ
[73] PEGLION, JEAN-LOUIS, ZZ
[73] POITEVIN, CHRISTOPHE, ZZ
[73] VILAINE, JEAN-PAUL, ZZ
[73] VILLENEUVE, NICOLE, ZZ
[85] 2016-07-28
[86] 2015-02-20 (PCT/FR2015/050415)
[87] (WO2015/124877)
[30] FR (1451389) 2014-02-21

[11] **2,938,852**
[13] A1
[51] **Int.Cl. B65B 31/00 (2006.01) B65B 25/00 (2006.01)**
[25] EN
[54] **SEALING BAR FOR A VACUUM DRAWER AND VACUUM DRAWER**
[54] **BAR D'ETANCHEISATION DESTINE A UN TIROIR D'ASPIRATEUR ET TIROIR D'ASPIRATEUR**
[72] BOCKS, STEFAN, DE
[72] HARLANDER, FLORIAN, AT
[72] KOPFENSTEINER, PETER, AT
[73] MICHATEK K.S., SK
[73] BOCKS, STEFAN, ZZ
[73] HARLANDER, FLORIAN, ZZ
[73] KOPFENSTEINER, PETER, ZZ
[86] (2938852)
[87] (2938852)
[22] 2016-08-11
[30] DE (10 2015 010 433.0) 2015-08-11

[11] **2,939,113**
[13] A1
[51] **Int.Cl. B44D 3/02 (2006.01) B01F 13/00 (2006.01) B44D 3/04 (2006.01) B44D 3/06 (2006.01)**
[25] EN
[54] **PAINT MAKER AND MIXING DEVICE**
[54] **DISPOSITIF DE FABRICATION DE PEINTURE ET DE MELANGE**
[72] HENRY, ROBERT, US
[72] KRIEGER, CHERYL, US
[72] ALLEN, JAMES, US
[73] CRAYOLA LLC, US
[73] HENRY, ROBERT, ZZ
[73] KRIEGER, CHERYL, ZZ
[73] ALLEN, JAMES, ZZ
[85] 2016-08-05
[86] 2015-02-20 (PCT/US2015/016810)
[87] (WO2015/127199)
[30] US (61/942,346) 2014-02-20
[30] US (14/626,658) 2015-02-19

[11] **2,939,391**
[13] A1
[51] **Int.Cl. H01R 39/08 (2006.01) E21B 47/13 (2012.01) H01R 43/10 (2006.01) H01R 43/20 (2006.01)**
[25] EN
[54] **SLIP RING WITH A TENSIONED CONTACT ELEMENT**
[54] **BAGUE COLLECTRICE DOTEE D'UN ELEMENT DE CONTACT TENDU**
[72] KIRKHOPE, KENNEDY J., CA
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] KIRKHOPE, KENNEDY J., CA
[85] 2016-08-11
[86] 2014-04-15 (PCT/CA2014/000348)
[87] (WO2015/157837)

[11] **2,939,529**
[13] A1
[51] **Int.Cl. C07D 417/12 (2006.01) C07C 69/65 (2006.01) C07D 213/61 (2006.01) C07D 277/54 (2006.01) C07F 5/02 (2006.01)**
[25] EN
[54] **N-[5-(AMINOSULFONYL)-4-METHYL-1,3-THIAZOL-2-YL]-N-METHYL-2-[4-(2-PYRIDINYL)PHENYL]ACETAMIDE MESYLATE MONOHYDRATE**
[54] **N-[5-(AMINOSULFONYLE)-4-METHYLE-1,3-THIAZOL-2-YL]-N-METHYLE-2-[4-(2-PYRIDINE YL)PHENYLE]ACETAMIDE MESYLATE MONOHYDRATE**
[72] BIRKMANN, ALEXANDER, DE
[72] GRUNENBERG, ALFONS, DE
[72] HAAG, DIETER, CH
[72] KEIL, BIRGIT D.L., DE
[72] LENDER, ANDREAS, DE
[72] MASS, STEPHAN, DE
[72] PAULUS, KERSTIN, DE
[72] REHSE, JOACHIM, DE
[72] RUEPP, KRISTIAN, DE
[72] SCHWAB, WILFRIED, DE
[72] VOGTLI, KURT, CH
[73] AICURIS GMBH & CO. KG, DE
[73] BIRKMANN, ALEXANDER, ZZ
[73] GRUNENBERG, ALFONS, ZZ
[73] HAAG, DIETER, ZZ
[73] KEIL, BIRGIT D.L., ZZ
[73] LENDER, ANDREAS, ZZ
[73] MASS, STEPHAN, ZZ
[73] PAULUS, KERSTIN, ZZ
[73] REHSE, JOACHIM, ZZ
[73] RUEPP, KRISTIAN, ZZ
[73] SCHWAB, WILFRIED, ZZ
[73] VOGTLI, KURT, ZZ
[86] (2939529)
[87] (2939529)
[22] 2012-09-26
[62] 2,791,142
[30] EP (11 007 823.5) 2011-09-26
[30] EP (11 007 803.7) 2011-09-26

[11] **2,940,206**
[13] A1
[51] **Int.Cl. E04H 12/18 (2006.01)**
[25] EN
[54] **SIGNAL LIGHT APPARATUS**
[54] **APPAREIL DE SIGNAL LUMINEUX**
[72] KECK, PAUL, US
[72] BANG, NICHOLAS KENT, US
[73] LINDSAY TRANSPORTATION SOLUTIONS, INC., US
[73] KECK, PAUL, ZZ
[73] BANG, NICHOLAS KENT, ZZ
[86] (2940206)
[87] (2940206)
[22] 2016-08-26
[30] US (14/838,435) 2015-08-28

[11] **2,940,996**
[13] A1
[51] **Int.Cl. G05B 13/04 (2006.01)**
[25] EN
[54] **A SYSTEM AND A METHOD FOR ADVANCED OPTIMIZATION OF CONTINUOUS DIGESTER OPERATION**
[54] **SYSTEME ET PROCEDE POUR L'OPTIMISATION POUSSEE DU FONCTIONNEMENT D'UN LESSIVEUR EN CONTINU**
[72] BADWE, ABHIJIT, IN
[72] SATINI, RAMESH, IN
[73] ABB SCHWEIZ AG, CH
[73] BADWE, ABHIJIT, ZZ
[73] SATINI, RAMESH, ZZ
[85] 2016-08-26
[86] 2015-02-25 (PCT/IB2015/051393)
[87] (WO2015/128808)
[30] IN (977/CHE/2014) 2014-02-26

[11] **2,941,222**
[13] A1
[51] **Int.Cl. F16H 57/04 (2010.01)**
[25] EN
[54] **LUBRICATING STRUCTURE FOR DIFFERENTIAL DEVICE**
[54] **STRUCTURE DE LUBRIFICATION POUR DISPOSITIF DE DIFFERENTIEL**
[72] OHMURA, JUN, JP
[72] SUENAGA, YUICHI, JP
[72] ONO, KOUJI, JP
[73] HONDA MOTOR CO., LTD., JP
[73] OHMURA, JUN, ZZ
[73] SUENAGA, YUICHI, ZZ
[73] ONO, KOUJI, ZZ
[85] 2016-08-30
[86] 2015-02-20 (PCT/JP2015/054808)
[87] (WO2015/137091)
[30] JP (2014-046722) 2014-03-10

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[11] **2,941,370**
[13] A1
[51] **Int.Cl. G01N 21/84 (2006.01) E21B 43/00 (2006.01) E21B 47/00 (2012.01) G01N 1/10 (2006.01) G01N 1/28 (2006.01) G01V 8/00 (2006.01) G02B 21/00 (2006.01)**
[25] EN
[54] **DETERMINING TREATMENT FLUID COMPOSITION USING A MINI-RESERVOIR DEVICE**
[54] **DETERMINATION DE COMPOSITION DE FLUIDE DE TRAITEMENT AU MOYEN D'UN DISPOSITIF A MINI-RESERVOIR**
[72] HE, KAI, US
[72] XU, LIANG, US
[73] MULTI-CHEM GROUP, LLC, US
[73] HE, KAI, ZZ
[73] XU, LIANG, ZZ
[85] 2016-08-31
[86] 2014-04-04 (PCT/US2014/032993)
[87] (WO2015/152942)

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[11] **2,941,527**
[13] A1
[51] **Int.Cl. A61K 33/10 (2006.01) A61K 8/19 (2006.01) A61P 1/02 (2006.01) A61P 29/00 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **SURFACE-REACTED CALCIUM CARBONATE FOR DESENSITIZING TEETH**
[54] **CARBONATE DE CALCIUM AYANT REAGI EN SURFACE POUR DESENSIBILISER LES DENTS**
[72] GERARD, DANIEL E., CH
[72] BUDDE, TANJA, CH
[72] SCHOELKOPF, JOACHIM, CH
[72] GANE, PATRICK A. C., CH
[73] OMYA INTERNATIONAL AG, CH
[73] GERARD, DANIEL E., ZZ
[73] BUDDE, TANJA, ZZ
[73] SCHOELKOPF, JOACHIM, ZZ
[73] GANE, PATRICK A. C., ZZ
[85] 2016-09-02
[86] 2015-03-20 (PCT/EP2015/055962)
[87] (WO2015/140308)
[30] EP (14161064.2) 2014-03-21

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[11] **2,941,886**
[13] A1
[51] **Int.Cl. A01D 69/02 (2006.01) A01D 34/82 (2006.01) A01D 69/10 (2006.01) H02J 7/00 (2006.01) H02J 15/00 (2006.01)**
[25] EN
[54] **POWER TOOL AND CONTROL CIRCUIT THEREOF**
[54] **OUTIL ELECTRIQUE ET CIRCUIT DE COMMANDE ASSOCIE**
[72] YANG, DEZHONG, CN
[72] XIAN, CHAO, CN
[73] CHERVON (HK) LIMITED, HK
[73] YANG, DEZHONG, ZZ
[73] XIAN, CHAO, ZZ
[86] (2941886)
[87] (2941886)
[22] 2016-09-12
[30] CN (201510584010.9) 2015-09-14
[30] US (15/261,346) 2016-09-09

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[11] **2,942,449**
[13] A1
[51] **Int.Cl. F03D 1/00 (2006.01) B66C 1/10 (2006.01) F03D 1/06 (2006.01)**
[25] EN
[54] **TOOL FOR HANDLING A LONG AND HEAVY OBJECT**
[54] **OUTIL DE MANIPULATION D'UN OBJET LONG ET LOURD**
[72] MULLER, MATHIAS, DE
[73] AREVA WIND GMBH, DE
[73] MULLER, MATHIAS, ZZ
[85] 2016-09-12
[86] 2015-03-26 (PCT/EP2015/056606)
[87] (WO2015/144837)
[30] EP (14161674.8) 2014-03-26

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[11] **2,943,447**
[13] A1
[51] **Int.Cl. E01C 13/08 (2006.01) D01F 1/10 (2006.01) D01F 6/46 (2006.01) D01F 6/90 (2006.01) D01F 6/92 (2006.01)**
[25] EN
[54] **ARTIFICIAL TURF AND PRODUCTION METHOD**
[54] **GAZON ARTIFICIEL ET SON PROCEDE DE PRODUCTION**
[72] SICK, STEPHAN, DE
[72] SANDER, DIRK, DE
[72] JANSEN, BERND, DE
[72] SCHMITZ, DIRK, DE
[73] POLYTEX SPORTBELAGE PRODUKTIONS-GMBH, DE
[73] SICK, STEPHAN, ZZ
[73] SANDER, DIRK, ZZ
[73] JANSEN, BERND, ZZ
[73] SCHMITZ, DIRK, ZZ
[85] 2016-09-21
[86] 2014-03-27 (PCT/EP2014/056149)
[87] (WO2015/144223)

[11] **2,943,749**
[13] A1
[51] **Int.Cl. G01K 7/00 (2006.01) G01K 11/00 (2006.01) G01N 22/00 (2006.01)**
[25] EN
[54] **METHOD FOR MEASURING INTERNAL TEMPERATURE OF FREEZING TARGET OBJECT AND INTERNAL TEMPERATURE MEASUREMENT DEVICE FOR FREEZING TARGET OBJECT**
[54] **PROCEDE DE MESURE DE LA TEMPERATURE INTERNE D'UN OBJET A CONGELER ET DISPOSITIF DE MESURE DE LA TEMPERATURE INTERNE D'UN OBJET A CONGELER**
[72] KONO, SHINJI, JP
[72] HATTORI, KAZUHIRO, JP
[73] MAYEKAWA MFG. CO., LTD., JP
[73] KONO, SHINJI, ZZ
[73] HATTORI, KAZUHIRO, ZZ
[85] 2016-09-23
[86] 2015-03-12 (PCT/JP2015/057234)
[87] (WO2015/146600)
[30] JP (2014-068492) 2014-03-28

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[11] **2,943,945**
[13] A1
[51] **Int.Cl. B65H 18/10 (2006.01) B65H 18/28 (2006.01)**
[25] EN
[54] **WOUND ROLL OF SHEET PRODUCT**
[54] **ROULEAU ENROULE DE PRODUIT EN FEUILLE**
[72] HAQUE, EHTESHAMUL, US
[72] HSU, CHIEHLUNG JAY, US
[72] KNUDSEN, DAVID L. B., US
[72] KOKKO, BRUCE J., US
[72] MATTHEEUSSEN, STEVEN B., US
[73] HAQUE, EHTESHAMUL, ZZ
[73] HSU, CHIEHLUNG JAY, ZZ
[73] KNUDSEN, DAVID L. B., ZZ
[73] KOKKO, BRUCE J., ZZ
[73] MATTHEEUSSEN, STEVEN B., ZZ
[73] GPCP IP HOLDINGS LLC, US
[86] (2943945)
[87] (2943945)
[22] 2010-10-26
[62] 2,777,872
[30] US (12/607,195) 2009-10-28

---

[11] **2,944,223**
[13] A1
[51] **Int.Cl. A01N 59/00 (2006.01) A01N 37/16 (2006.01) A01P 1/00 (2006.01) A61K 8/22 (2006.01) A61K 33/40 (2006.01) A61L 2/18 (2006.01)**
[25] EN
[54] **COMPOSITION CONTAINING PEROXIDE AND AN ANTIMICROBIAL AGENT AND PROCESS OF KILLING SPORES**
[54] **COMPOSITION CONTENANT DU PEROXYDE ET UN AGENT ANTIMICROBIEN ET PROCEDE POUR TUER DES SPORES**
[72] BURKE, PETER A., US
[72] LEGGETT, MARK JAMES, GB
[72] CENTANNI, MICHAEL A., US
[73] AMERICAN STERILIZER COMPANY, US
[73] BURKE, PETER A., ZZ
[73] LEGGETT, MARK JAMES, ZZ
[73] CENTANNI, MICHAEL A., ZZ
[85] 2016-09-27
[86] 2015-02-10 (PCT/US2015/015088)
[87] (WO2015/167642)
[30] US (14/262,840) 2014-04-28
[30] US (14/525,497) 2014-10-28

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[11] **2,944,420**
[13] A1
[51] **Int.Cl. E04H 15/02 (2006.01) F03D 80/00 (2016.01)**
[25] EN
[54] **COVERING TENT FOR SURROUNDING A WIND TURBINE AT ITS BASE DURING A GROUTING OPERATION**
[54] **TENTE DE RECOUVREMENT SERVANT A ENTOURER UNE EOLIENNE A SA BASE PENDANT UNE OPERATION DE POSE DE MORTIER**
[72] THIESSEN, CALVIN, CA
[73] WINKLER CANVAS LTD., CA
[73] THIESSEN, CALVIN, CA
[86] (2944420)
[87] (2944420)
[22] 2016-10-05

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[11] **2,945,160**
[13] A1
[51] **Int.Cl. B01D 35/02 (2006.01) B01D 39/00 (2006.01)**
[25] EN
[54] **FILTER ELEMENT WITH AIR-BLEED CONDUIT**
[54] **ELEMENT DE FILTRE A CONDUIT D'EVACUATION D'AIR**
[72] ROLL, MARK A., US
[72] RHYNE, GREGORY K., US
[72] STAMEY, WILLIE L., JR., US
[73] MANN+HUMMEL FILTRATION TECHNOLOGY US LLC, US
[73] ROLL, MARK A., ZZ
[73] RHYNE, GREGORY K., ZZ
[73] STAMEY, WILLIE L., JR., ZZ
[86] (2945160)
[87] (2945160)
[22] 2016-10-12
[30] US (14/885,022) 2015-10-16

---

[11] **2,946,346**
[13] A1
[51] **Int.Cl. H01F 41/08 (2006.01) H01F 17/04 (2006.01) H01F 27/29 (2006.01) H01F 41/12 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCING AN INDUCTION COMPONENT, AND INDUCTION COMPONENT**
[54] **PROCEDE DE PRODUCTION D'UN ELEMENT A INDUCTION ET ELEMENT A INDUCTION**
[72] STARK, MARKUS, DE
[72] RICHTER, KLAUS, DE
[72] DEGEN, DORIAN, DE
[73] WURTH ELEKTRONIK EISOS GMBH & CO. KG, DE
[73] STARK, MARKUS, ZZ
[73] RICHTER, KLAUS, ZZ
[73] DEGEN, DORIAN, ZZ
[85] 2016-10-19
[86] 2015-04-09 (PCT/EP2015/057721)
[87] (WO2015/162016)
[30] DE (10 2014 207 636.6) 2014-04-23

[11] **2,946,353**
[13] A1
[51] **Int.Cl. D01F 1/10 (2006.01) D06N 7/00 (2006.01) E01C 13/08 (2006.01)**
[25] EN
[54] **ARTIFICIAL TURF PRODUCTION USING A NUCLEATING AGENT**
[54] **PRODUCTION DE GAZON ARTIFICIEL AU MOYEN D'UN AGENT DE NUCLEATION**
[72] SICK, STEPHAN, DE
[72] SANDER, DIRK, DE
[72] JANSEN, BERND, DE
[72] TRITT, JAMES M., AU
[72] SCHMITZ, DIRK, DE
[73] POLYTEX SPORTBELAGE PRODUKTIONS-GMBH, DE
[73] SICK, STEPHAN, ZZ
[73] SANDER, DIRK, ZZ
[73] JANSEN, BERND, ZZ
[73] TRITT, JAMES M., ZZ
[73] SCHMITZ, DIRK, ZZ
[85] 2016-10-19
[86] 2015-04-16 (PCT/EP2015/058237)
[87] (WO2015/165739)
[30] EP (14166854.1) 2014-05-02

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[11] **2,947,375**
[13] A1
[51] **Int.Cl. F16B 2/08 (2006.01) F16L 33/02 (2006.01)**
[25] EN
[54] **COMPRESSION RING**
[54] **BAGUE DE SERRAGE**
[72] WIDRIG, MARKUS, CH
[72] MULLER, MANUEL, CH
[73] OETIKER SCHWEIZ AG, CH
[73] WIDRIG, MARKUS, ZZ
[73] MULLER, MANUEL, ZZ
[85] 2016-10-28
[86] 2015-02-20 (PCT/EP2015/053619)
[87] (WO2016/045801)
[30] EP (14186647.5) 2014-09-26

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[11] **2,947,745**
[13] A1
[51] **Int.Cl. G01J 1/02 (2006.01)**
[25] EN
[54] **PHOTOCELL RECEPTACLE**
[54] **RECEPTACLE A CELLULE PHOTOELECTRIQUE**
[72] MOSTOLLER, MATTHEW EDWARD, US
[72] DAILY, CHRISTOPHER GEORGE, US
[72] HOWARD, EDWARD JOHN, US
[73] MOSTOLLER, MATTHEW EDWARD, ZZ
[73] DAILY, CHRISTOPHER GEORGE, ZZ
[73] HOWARD, EDWARD JOHN, ZZ
[73] TE CONNECTIVITY CORPORATION, US
[85] 2016-11-01
[86] 2015-05-04 (PCT/US2015/028983)
[87] (WO2015/171473)
[30] US (14/272,182) 2014-05-07

---

[11] **2,947,918**
[13] A1
[51] **Int.Cl. H04L 5/00 (2006.01) H04W 72/04 (2009.01)**
[25] EN
[54] **IMPROVING COMMUNICATION EFFICIENCY**
[54] **AMELIORATION DE L'EFFICACITE DE COMMUNICATION**
[72] TIIROLA, ESA TAPANI, FI
[72] HOOLI, KARI JUHANI, FI
[72] LUNTTILA, TIMO ERKKI, FI
[73] NOKIA SOLUTIONS AND NETWORKS OY, FI
[73] TIIROLA, ESA TAPANI, ZZ
[73] HOOLI, KARI JUHANI, ZZ
[73] LUNTTILA, TIMO ERKKI, ZZ
[85] 2016-11-03
[86] 2014-05-08 (PCT/EP2014/059408)
[87] (WO2015/169359)

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[11] **2,948,892**
[13] A1
[51] **Int.Cl. B61B 7/00 (2006.01) B61B 12/00 (2006.01)**
[25] EN
[54] **CABLE CAR SYSTEM**
[54] **INSTALLATION DE TELEPHERIQUE**
[72] SCHERTLER, KURT, AT
[72] MORITZHUBER, JOHANNES, AT
[73] INNOVA PATENT GMBH, AT
[73] SCHERTLER, KURT, ZZ
[73] MORITZHUBER, JOHANNES, ZZ
[85] 2016-11-14
[86] 2015-05-07 (PCT/AT2015/000066)
[87] (WO2015/196221)
[30] AT (A 509/2014) 2014-06-26

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[11] **2,955,004**
[13] A1
[51] **Int.Cl. A63B 22/00 (2006.01) A63B 22/06 (2006.01) A63B 22/12 (2006.01) A63B 23/035 (2006.01)**
[25] EN
[54] **OUTDOOR FITNESS RESISTANCE MECHANISM AND HOUSING**
[54] **MECANISME DE RESISTANCE DE FORME PHYSIQUE EXTERNE, ET BOITIER**
[72] TSCHANN, MATTHEW, A., US
[73] LANDSCAPE STRUCTURES INC., US
[73] TSCHANN, MATTHEW, A., ZZ
[85] 2017-01-12
[86] 2015-07-15 (PCT/US2015/040558)
[87] (WO2016/011145)
[30] US (62/026,467) 2014-07-18

[11] **2,959,209**
[13] A1
[51] **Int.Cl. A61B 34/00 (2016.01) A61B 5/00 (2006.01) A61B 6/00 (2006.01) G06T 7/00 (2017.01) A61B 5/055 (2006.01) A61B 6/03 (2006.01) A61B 8/13 (2006.01)**
[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR QUANTITATIVE SURGICAL IMAGE REGISTRATION**
[54] **PROCEDE, SYSTEME ET APPAREIL POUR ENREGISTREMENT D'IMAGE CHIRURGICALE QUANTITATIF**
[72] PIRON, CAMERON ANTHONY, CA
[72] YUWARAJ, MURUGATHAS, CA
[73] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[73] PIRON, CAMERON ANTHONY, CA
[73] YUWARAJ, MURUGATHAS, CA
[85] 2017-02-24
[86] 2014-11-27 (PCT/CA2014/000849)
[87] (WO2016/082017)

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[11] **2,959,595**
[13] A1
[51] **Int.Cl. C09K 8/68 (2006.01) C08F 30/04 (2006.01) C08L 43/00 (2006.01)**
[25] EN
[54] **POLYMERIC METAL CROSSLINKER FOR SHEAR TOLERANT FRACTURING FLUID APPLICATION**
[54] **AGENT DE RETICULATION METALLIQUE POLYMERE DESTINE A ETRE UTILISE DANS UN FLUIDE DE FRACTURATION TOLERANT AU CISAILLEMENT**
[72] SINGH, DIPTI, US
[72] WEAVER, JIM D., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] SINGH, DIPTI, ZZ
[73] WEAVER, JIM D., ZZ
[85] 2017-02-28
[86] 2014-09-24 (PCT/US2014/057298)
[87] (WO2016/048312)

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[11] **2,959,999**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **DISTRIBUTED DATA SYNCHRONIZATION AND CONFLICT RESOLUTION**
[54] **SYNCHRONISATION DE DONNEES REPARTIES ET RESOLUTION DE CONFLITS**
[72] HENDERSON, DAGAN, US
[73] EDIFIRE LLC, US
[73] HENDERSON, DAGAN, ZZ
[85] 2017-03-02
[86] 2015-09-03 (PCT/US2015/048411)
[87] (WO2016/036990)
[30] US (14/477,752) 2014-09-04

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[11] **2,961,668**
[13] A1
[51] **Int.Cl. A61L 15/46 (2006.01) A01N 65/08 (2009.01) A01N 37/06 (2006.01) A01P 1/00 (2006.01) A61F 13/496 (2006.01) A61L 15/22 (2006.01) A61L 15/34 (2006.01)**
[25] EN
[54] **HIGHLY ABSORBENT RESISTANT WASHABLE AND REUSABLE UNDERGARMENTS, METHODS OF USE, KITS AND USES THERETO**
[54] **SOUS-VETEMENTS LAVABLES ET REUTILISABLES, TRES ABSORBANTS ET RESISTANTS, PROCEDES D'UTILISATION, KITS ET UTILISATIONS ASSOCIES**
[72] O'SHEA, CHANELLE, CA
[72] TULK, RAQUEL, CA
[73] LES PRODUITS DRC INC., CA
[73] O'SHEA, CHANELLE, CA
[73] TULK, RAQUEL, CA
[85] 2017-03-17
[86] 2014-09-18 (PCT/CA2014/000702)
[87] (WO2015/039218)
[30] US (61/879,913) 2013-09-19

---

[11] **2,963,731**
[13] A1
[51] **Int.Cl. B65D 85/10 (2006.01) B65D 5/56 (2006.01) B65D 5/66 (2006.01) B65D 5/70 (2006.01)**
[25] EN
[54] **A PACK**
[54] **PAQUET**
[72] BRAY, ANDREW, GB
[72] FALLON, GARY, GB
[73] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[73] BRAY, ANDREW, ZZ
[73] FALLON, GARY, ZZ
[85] 2017-04-05
[86] 2015-09-21 (PCT/GB2015/052717)
[87] (WO2016/059366)
[30] GB (1418281.0) 2014-10-15

---

[11] **2,965,060**
[13] A1
[51] **Int.Cl. F21V 11/00 (2015.01) F21S 10/02 (2006.01) F21V 17/00 (2006.01) F21V 23/04 (2006.01)**
[25] EN
[54] **DECORATIVE LIGHTING APPARATUS**
[54] **APPAREIL D'ECLAIRAGE DECORATIF**
[72] KHUBANI, AJIT, US
[72] PAN, YUN, US
[73] TELEBRANDS CORP., US
[73] KHUBANI, AJIT, ZZ
[73] PAN, YUN, ZZ
[86] (2965060)
[87] (2965060)
[22] 2016-03-08
[62] 2,937,150
[30] US (14/958,657) 2015-12-03
[30] US (14/958,667) 2015-12-03
[30] US (14/976,202) 2015-12-21
[30] US (15/001,942) 2016-01-20

[11] **2,965,625**
[13] A1
[51] **Int.Cl. E21B 37/00 (2006.01) B01D 53/48 (2006.01) C09K 8/532 (2006.01) E21B 37/06 (2006.01)**
[25] EN
[54] **ACRYLONITRILE-BASED SULFUR SCAVENGING AGENTS FOR USE IN OILFIELD OPERATIONS**
[54] **AGENTS DE PIEGEAGE DU SOUFRE A BASE D'ACRYLONITRILE DESTINES A ETRE UTILISES DANS DES OPERATIONS EN CHAMP PETROLIFERE**
[72] SHI, LIU, US
[72] ZHAO, FUNIAN, US
[72] QU, LIANGWEI, US
[72] HARLESS, MICHAEL, US
[72] HOPPE, RON, CA
[73] MULTI-CHEM GROUP, LLC, US
[73] SHI, LIU, ZZ
[73] ZHAO, FUNIAN, ZZ
[73] QU, LIANGWEI, ZZ
[73] HARLESS, MICHAEL, ZZ
[73] HOPPE, RON, CA
[85] 2017-04-24
[86] 2014-12-23 (PCT/US2014/072072)
[87] (WO2016/105371)

---

[11] **2,965,805**
[13] A1
[51] **Int.Cl. F16D 65/08 (2006.01) F16D 51/22 (2006.01) F16D 65/22 (2006.01)**
[25] EN
[54] **DRUM BRAKE S-CAM HAVING OFFSET CAM FOLLOWERS**
[54] **CAME EN S DE FREIN A TAMBOUR AYANT DES SUIVEURS DE CAME DECALES**
[72] BERWANGER, FRED W., US
[73] BENDIX SPICER FOUNDATION BRAKE LLC, US
[73] BERWANGER, FRED W., ZZ
[85] 2017-04-25
[86] 2015-10-23 (PCT/US2015/057051)
[87] (WO2016/069387)
[30] US (14/530,713) 2014-11-01

---

[11] **2,968,421**
[13] A1
[51] **Int.Cl. C25C 3/08 (2006.01)**
[25] EN
[54] **LOW-PROFILE ALUMINUM CELL POTSHELL AND METHOD FOR INCREASING THE PRODUCTION CAPACITY OF AN ALUMINUM CELL POTLINE**
[54] **CAISSON DE CELLULE DE REDUCTION D'ALUMINIUM A PROFIL BAS ET PROCEDE D'AUGMENTATION DE LA CAPACITE DE PRODUCTION D'UNE LIGNE DE CUVES DE CELLULE DE REDUCTION D'ALUMINIUM**
[72] RICHARD, DANIEL, CA
[72] PEAREN, DALE, CA
[72] SHAW, JOHN ANDREW FERGUSON, CA
[72] WASMUND, BERT O., CA
[72] JASTRZEBSKI, MACIEJ URBAN, CA
[73] HATCH LTD., CA
[73] RICHARD, DANIEL, CA
[73] PEAREN, DALE, CA
[73] SHAW, JOHN ANDREW FERGUSON, CA
[73] WASMUND, BERT O., CA
[73] JASTRZEBSKI, MACIEJ URBAN, CA
[85] 2017-05-19
[86] 2015-11-20 (PCT/CA2015/051213)
[87] (WO2016/077932)
[30] US (62/082,898) 2014-11-21

---

[11] **2,969,282**
[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 50/02 (2012.01) C12Q 1/00 (2006.01) G01N 33/50 (2006.01) G06F 19/00 (2018.01)**
[25] EN
[54] **REMOTE ACCESS SYSTEM AND METHOD FOR PLANT PATHOGEN MANAGEMENT**
[54] **SYSTEME D'ACCES A DISTANCE ET METHODE DE GESTION DE PATHOGENE VEGETAL**
[72] CHAMPAGNE, MICHEL, CA
[72] LEBEAU JACOB, CHRISTIAN, CA
[72] DESJARDINS, SONIA, CA
[73] 9087-4405 QUEBEC INC., CA
[73] CHAMPAGNE, MICHEL, CA
[73] LEBEAU JACOB, CHRISTIAN, CA
[73] DESJARDINS, SONIA, CA
[86] (2969282)
[87] (2969282)
[22] 2017-05-31
[30] US (62/344,064) 2016-06-01
[30] WO (PCT/CA2016/051326) 2016-11-15

---

[11] **2,971,655**
[13] A1
[51] **Int.Cl. B01D 53/50 (2006.01) B01D 47/00 (2006.01) B01D 53/14 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR EFFECTIVELY REMOVING SULFUR OXIDES AND DUST IN GAS BY AMMONIA-BASED PROCESS**
[54] **METHODE ET APPAREIL D'EXTRACTION EFFICACE D'OXYDES DE SOUFRE ET DE POUSSIERES DANS LE GAZ AU MOYEN D'UN PROCEDE A L'AMMONIAC**
[72] LUO, JING, CN
[72] XU, CHANGXIANG, CN
[73] LUO, JING, ZZ
[73] XU, CHANGXIANG, ZZ
[73] JIANGNAN ENVIRONMENTAL PROTECTION GROUP INC., KY
[86] (2971655)
[87] (2971655)
[22] 2017-06-22
[30] CN (201710154157.3) 2017-03-15

---

[11] **2,972,049**
[13] A1
[51] **Int.Cl. H04H 60/37 (2009.01) H04H 60/48 (2009.01)**
[25] EN
[54] **USE OF PROGRAM-SCHEDULE TEXT AND TELEPROMPTER OUTPUT TO FACILITATE SELECTION OF A PORTION OF A MEDIA-PROGRAM RECORDING**
[54] **UTILISATION D'UN TEXTE DE PROGRAMMATION D'EMISSIONS ET D'UNE SORTIE DE TELEPROMPTEUR POUR FACILITER LA SELECTION D'UNE PARTIE D'UN ENREGISTREMENT DE PROGRAMME MULTIMEDIA**
[72] HUNDEMER, HANK, US
[73] TRIBUNE BROADCASTING COMPANY, LLC, US
[73] HUNDEMER, HANK, ZZ
[85] 2017-06-22
[86] 2015-12-22 (PCT/US2015/067345)
[87] (WO2016/133586)
[30] US (14/627,164) 2015-02-20

[11] **2,972,841**
[13] A1
[51] **Int.Cl. C07C 29/151 (2006.01) C10J 3/72 (2006.01) C10L 1/02 (2006.01) C25B 1/04 (2006.01)**
[25] EN
[54] **INTEGRATED TECHNIQUES FOR PRODUCING BIO-METHANOL**
[54] **TECHNIQUES INTEGREES DE PRODUCTION DE BIOMETHANOL**
[72] MACGREGOR, NORMAN J., CA
[73] MACGREGOR, NORMAN J., CA
[73] ULTRA CLEAN ECOLENE INC., CA
[85] 2017-07-20
[86] 2017-02-15 (PCT/CA2017/050192)
[87] (2972841)
[30] US (62/332,743) 2016-05-06

[11] **2,975,770**
[13] A1
[51] **Int.Cl. E03F 5/10 (2006.01) E02D 29/00 (2006.01)**
[25] EN
[54] **STORMWATER CHAMBER WITH STACKABLE REINFORCING RIBS**
[54] **CHAMBRE D'EAU DE RUISSELLEMENT A RAINURES DE RENFORT EMPILABLES**
[72] DITULLIO, ROBERT J., US
[73] DITULLIO, ROBERT J., US
[86] (2975770)
[87] (2975770)
[22] 2017-08-08
[30] US (15/231,222) 2016-08-08

[11] **2,979,419**
[13] A1
[51] **Int.Cl. B60L 11/12 (2006.01)**
[25] EN
[54] **RANGE EXTENDER VEHICLE**
[54] **VEHICULE A PROLONGATEUR D'AUTONOMIE**
[72] JIN, PU, CN
[73] TECHNOLOGIES' XANADU OF RESONATORY-SOLAR-SYSTEMED CO., LTD., CN
[73] JIN, PU, ZZ
[85] 2017-09-12
[86] 2016-01-13 (PCT/CN2016/070749)
[87] (WO2016/150238)
[30] CN (201510129254.8) 2015-03-24

[11] **2,979,614**
[13] A1
[51] **Int.Cl. G11B 27/031 (2006.01) G11B 27/10 (2006.01) G11B 27/34 (2006.01)**
[25] EN
[54] **MEDIA GENERATING AND EDITING SYSTEM**
[54] **SYSTEME D'EDITION ET DE GENERATION DE MEDIA**
[72] KOFMAN, JEFFREY, GB
[72] BOAS, MARK, IT
[72] PANAGHISTON, MARK, GB
[72] GRIDINOC, LAURIAN, GB
[73] TRINT LIMITED, GB
[73] KOFMAN, JEFFREY, ZZ
[73] BOAS, MARK, ZZ
[73] PANAGHISTON, MARK, ZZ
[73] GRIDINOC, LAURIAN, ZZ
[85] 2017-09-13
[86] 2016-03-11 (PCT/GB2016/050677)
[87] (WO2016/146978)
[30] US (62/132,759) 2015-03-13

[11] **2,979,785**
[13] A1
[51] **Int.Cl. A61B 8/02 (2006.01) A61B 5/024 (2006.01) A61B 5/0444 (2006.01)**
[25] EN
[54] **SYSTEMS, APPARATUSES AND METHODS FOR SENSING FETAL ACTIVITY**
[54] **SYSTEMES, APPAREILS ET PROCEDES DE DETECTION DE L'ACTIVITE F□TALE**
[72] OZ, OREN, IL
[72] KAM, AMIT, IL
[72] INTRATOR, NATHAN, IL
[73] NUVO GROUP LTD., IL
[73] OZ, OREN, ZZ
[73] KAM, AMIT, ZZ
[73] INTRATOR, NATHAN, ZZ
[85] 2017-09-14
[86] 2016-03-16 (PCT/IB2016/000406)
[87] (WO2016/147051)
[30] US (62/133,485) 2015-03-16
[30] US (14/921,489) 2015-10-23

[11] **2,980,627**
[13] A1
[51] **Int.Cl. A46B 17/04 (2006.01)**
[25] EN
[54] **MOBILE TOOTHBRUSH HOLDER**
[54] **SUPPORT DE BROSSE A DENTS MOBILE**
[72] LAMOTHE, DENIS, CA
[72] LAMOTHE, JEAN, CA
[73] MAXOR INC., CA
[73] LAMOTHE, DENIS, CA
[73] LAMOTHE, JEAN, CA
[85] 2017-09-22
[86] 2016-04-13 (PCT/CA2016/050426)
[87] (WO2016/165015)
[30] CA (2,887,531) 2015-04-13

[11] **2,986,511**
[13] A1
[51] **Int.Cl. F02B 61/00 (2006.01) F16H 57/021 (2012.01) B64C 27/12 (2006.01) B64D 27/04 (2006.01) B64D 35/00 (2006.01) F16C 3/12 (2006.01)**
[25] FR
[54] **COMBUSTION ENGINE, AIRCRAFT PROVIDED WITH SAID ENGINE AND METHOD FOR MANUFACTURING SUCH AN ENGINE**
[54] **MOTEUR A COMBUSTION, AERONEF EQUIPE DUDIT MOTEUR ET PROCEDE DE FABRICATION D'UN TEL MOTEUR**
[72] MERCIER, CHRISTIAN, FR
[72] HUBERT, PIERRE-JULIEN, FR
[72] GAVANIER, PIERRE, FR
[72] BALASTRIER, YANN, FR
[73] AIRBUS HELICOPTERS, FR
[73] MERCIER, CHRISTIAN, ZZ
[73] HUBERT, PIERRE-JULIEN, ZZ
[73] GAVANIER, PIERRE, ZZ
[73] BALASTRIER, YANN, ZZ
[85] 2017-11-20
[86] 2016-07-21 (PCT/EP2016/067400)
[87] (WO2017/021165)
[30] FR (1501682) 2015-08-06

[11] 2,987,368
[13] A1
[51] **Int.Cl. H02M 7/48 (2007.01) H02M 1/14 (2006.01) H02M 3/155 (2006.01)**
[25] EN
[54] **POWER CONVERSION DEVICE**
[54] **DISPOSITIF DE CONVERSION DE PUISSANCE**
[72] SHIN, KENTARO, JP
[72] YAMAGAMI, SHIGEHARU, JP
[73] NISSAN MOTOR CO., LTD., JP
[73] SHIN, KENTARO, ZZ
[73] YAMAGAMI, SHIGEHARU, ZZ
[85] 2017-11-27
[86] 2015-05-29 (PCT/JP2015/065587)
[87] (WO2016/194050)

---

[11] 2,987,611
[13] A1
[51] **Int.Cl. A47F 5/00 (2006.01) F21K 9/00 (2016.01) F21S 4/20 (2016.01) A47B 96/02 (2006.01) A47F 11/10 (2006.01) G09F 9/33 (2006.01) G09G 3/32 (2016.01)**
[25] EN
[54] **ELECTRONIC SMART SHELF DISPLAY**
[54] **PRESENTOIR DE TABLETTE INTELLIGENT ELECTRONIQUE**
[72] VIEVILLE, JEAN, US
[73] CONEX DIGITAL LLC, US
[73] VIEVILLE, JEAN, ZZ
[86] (2987611)
[87] (2987611)
[22] 2017-11-30

---

[11] 2,988,776
[13] A1
[51] **Int.Cl. H04B 7/02 (2018.01) H04B 7/195 (2006.01)**
[25] EN
[54] **LEO FLEXIBLE SINGLE AXIS BEAMFORMING**
[54] **FORMATION DE FAISCEAU D'AXE UNIQUE SOUPLE LEO**
[72] VAN BUREN, DAMON, US
[73] SEAKR ENGINEERING, INC., US
[73] VAN BUREN, DAMON, ZZ
[85] 2017-12-07
[86] 2016-06-09 (PCT/US2016/036755)
[87] (WO2016/201139)
[30] US (62/173,210) 2015-06-09

---

[11] 2,991,234
[13] A1
[51] **Int.Cl. F02D 23/00 (2006.01) F02D 15/02 (2006.01) F02D 41/04 (2006.01)**
[25] EN
[54] **CONTROL METHOD AND CONTROL DEVICE FOR INTERNAL COMBUSTION ENGINE**
[54] **PROCEDE DE COMMANDE DISPOSITIF DE COMMANDE POUR MOTEUR A COMBUSTION INTERNE**
[72] TAKAHASHI, EIJI, JP
[73] NISSAN MOTOR CO., LTD., JP
[73] TAKAHASHI, EIJI, ZZ
[85] 2018-01-02
[86] 2015-07-02 (PCT/JP2015/069094)
[87] (WO2017/002254)

---

[11] 2,991,427
[13] A1
[51] **Int.Cl. A01B 79/00 (2006.01)**
[25] EN
[54] **AGRICULTURAL CROP ANALYSIS DRONE**
[54] **DRONE POUR L'ANALYSE DES CULTURES AGRICOLES**
[72] O'CONNOR, RAYMOND M., US
[72] DI FEDERICO, IVAN GIOVANNI, IT
[73] TOPCON POSITIONING SYSTEMS, INC., US
[73] O'CONNOR, RAYMOND M., ZZ
[73] DI FEDERICO, IVAN GIOVANNI, ZZ
[85] 2018-01-04
[86] 2016-07-11 (PCT/US2016/041705)
[87] (WO2017/014971)
[30] US (14/802,389) 2015-07-17

---

[11] 2,995,346
[13] A1
[51] **Int.Cl. B65D 3/10 (2006.01) B65D 3/12 (2006.01) B65D 3/14 (2006.01) B65D 3/20 (2006.01) B65D 81/38 (2006.01)**
[25] EN
[54] **CUP SLEEVE**
[54] **MANCHETTE POUR GOBELET**
[72] HASANI, FISNIK T., US
[73] HASANI, FISNIK T., US
[85] 2018-02-09
[86] 2016-07-25 (PCT/US2016/043822)
[87] (WO2017/027193)
[30] US (62/203,482) 2015-08-11
[30] US (15/186,530) 2016-06-19

---

[11] 2,995,683
[13] A1
[51] **Int.Cl. H01H 9/02 (2006.01) G01R 1/20 (2006.01) H01H 1/58 (2006.01) H01H 3/02 (2006.01)**
[25] EN
[54] **ELECTRICAL TEST SWITCH WITH SOLIDIFYING BASE**
[54] **COMMUTATEUR DE TEST ELECTRIQUE DOTE D'UNE BASE SOLIDIFIANTE**
[72] BOURGEOIS, JEAN-RAYMOND, CA
[73] BOURGEOIS, JEAN-RAYMOND, CA
[86] (2995683)
[87] (2995683)
[22] 2016-04-11
[62] 2,989,641
[30] US (62/145,850) 2015-04-10

Canadian Applications Open to Public Inspection

June 17, 2018 to June 23, 2018

Demandes canadiennes mises à la disponibilité du public

17 juin 2018 au 23 juin 2018

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[21] **2,946,762**
[13] A1
[51] **Int.Cl. A01G 23/10 (2006.01)**
[25] FR
[54] **AUTOMATED DISCHARGE HATCH**
[54] **TRAPPE DE VIDANGE AUTOMATISEE**
[72] BIZIER, CLAUDE, CA
[72] HALLE, JOCELYN, CA
[71] BIZIER, CLAUDE, CA
[71] HALLE, JOCELYN, CA
[22] 2016-12-19
[41] 2018-06-19

---

[21] **2,950,770**
[13] A1
[51] **Int.Cl. C09K 3/14 (2006.01) C08J 5/14 (2006.01)**
[25] EN
[54] **TRACTION ENHANCING COMPOSITION**
[54] **COMPOSITION AMELIORANT LA TRACTION**
[72] PATRICK, SEAN, CA
[71] PATRICK, SEAN, CA
[22] 2016-12-20
[41] 2018-06-20

---

[21] **2,952,134**
[13] A1
[51] **Int.Cl. A61K 9/70 (2006.01) A61C 9/00 (2006.01) A61K 33/24 (2006.01) A61K 33/30 (2006.01) A61K 33/34 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **ANTI-BACTERIAL LEG BANDS FOR THE PREVENTION OF FOOTROT, INTERDIGITAL DERMATITIS AND OTHER BACTERIAL INFECTIONS IN LIVESTOCK**
[54] **BANDES DE PATTE ANTIBACTERIENNES SERVANT A PREVENIR LA DERMATITE PROLIFERANTE, LA DERMATITE INTERDIGITALE ET D'AUTRES INFECTIONS BACTERIENNES DU BETAIL**
[72] PALUMBO, GINO, CA
[72] ROBERTSON, ANDREW J., CA
[72] TOMANTSCHGER, KLAUS, CA
[72] VENTURI, DAVID B., CA
[72] SPURRELL, LEON, CA
[72] MAGUIRE, NATASHA, NZ
[71] INTEGRAN TECHNOLOGIES INC., CA
[22] 2016-12-19
[41] 2018-06-19

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[21] **2,952,141**
[13] A1
[51] **Int.Cl. B24C 3/32 (2006.01) B24C 3/06 (2006.01) B24C 3/16 (2006.01)**
[25] EN
[54] **INTERNAL WELD BLASTING**
[54] **SABLAGE DE SOUDURE INTERNE**
[72] BAKER, BRIAN, CA
[72] DANDERFER, RANDY, CA
[71] SHAWCOR LTD., CA
[22] 2016-12-19
[41] 2018-06-19

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[21] **2,952,142**
[13] A1
[51] **Int.Cl. A61H 7/00 (2006.01) A61H 39/06 (2006.01) A61H 99/00 (2006.01)**
[25] EN
[54] **MASSAGE STONE**
[54] **PIERRE DE MASSAGE**
[72] SYRENNE, ROBERT G., CA
[71] SYRENNE, ROBERT G., CA
[22] 2016-12-19
[41] 2018-06-19

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[21] **2,952,185**
[13] A1
[51] **Int.Cl. A61K 38/09 (2006.01) A61K 31/5575 (2006.01) A61P 15/00 (2006.01)**
[25] EN
[54] **IMPROVED METHODS FOR SYNCHRONIZATION OF ESTROUS CYCLES AND OVULATION FOR FIXED TIME ARTIFICIAL INSEMINATION IN CATTLE**
[54] **METHODES AMELIOREES DE SYNCHRONISATION DE CYCLES DE CHALEUR ET D'OVULATION DESTINEES A L'INSEMINATION ARTIFICIELLE PLANIFIEE DES BOVINS**
[72] JOSEPH, ROBERT, US
[72] COCHRANE, FENELLA, US
[72] WILTBANK, MILO, US
[71] PARNELL TECHNOLOGIES PTY LTD, AU
[22] 2016-12-19
[41] 2018-06-19

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[21] **2,952,195**
[13] A1
[51] **Int.Cl. B65B 11/00 (2006.01) A47G 19/00 (2006.01) A47G 21/00 (2006.01)**
[25] EN
[54] **UTENSILS WRAPPER**
[54] **EMBALLEUR D'USTENSILES**
[72] TASLAGYAN, ALEKSANDR, CA
[71] TASLAGYAN, ALEKSANDR, CA
[22] 2016-12-20
[41] 2018-06-20

[21] **2,952,196**
[13] A1
[51] **Int.Cl. A45D 34/04 (2006.01)**
[25] EN
[54] **COSMETIC APPLICATOR WITH ROTARY CARTRIDGE**
[54] **APPLICATEUR DE COSMETIQUE DOTE D'UNE CARTOUCHE ROTATIVE**
[72] LU, HSIU OU, TW
[71] FASHION BEAUTY COSMETECH CO., LTD., CN
[22] 2016-12-20
[41] 2018-06-20

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[21] **2,952,340**
[13] A1
[51] **Int.Cl. B32B 3/06 (2006.01) B32B 3/30 (2006.01) B32B 37/26 (2006.01) B32B 38/06 (2006.01)**
[25] EN
[54] **TEXTURED LAMINATE SHEET, AND PROCESS AND APPARATUS FOR MANUFACTURING TEXTURED LAMINATE SHEET**
[54] **PLAQUE STRATIFIEE TEXTUREE, ET PROCEDE ET APPAREIL DE FABRICATION D'UNE PLAQUE STRATIFIEE TEXTUREE**
[72] ARBESMAN, RAY, CA
[71] R.A. INVESTMENT MANAGEMENT S.A.R.L., LU
[22] 2016-12-20
[41] 2018-06-20

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[21] **2,952,407**
[13] A1
[51] **Int.Cl. F24H 3/04 (2006.01) F24H 3/06 (2006.01) F24H 9/18 (2006.01) F24H 9/20 (2006.01)**
[25] EN
[54] **ELECTRIC RESISTANCE HEATER SYSTEM AND LIGHT TOWER**
[54] **SYSTEME DE CHAUFFAGE A RESISTANCE ELECTRIQUE ET TOUR D'ECLAIRAGE**
[72] FOLK, ROBERT, CA
[72] LACHANCE, ADRIAN, CA
[71] ELECTRIC HORSEPOWER INC., CA
[22] 2016-12-21
[41] 2018-06-21

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[21] **2,952,411**
[13] A1
[51] **Int.Cl. A01F 25/22 (2006.01) A23B 9/00 (2006.01)**
[25] EN
[54] **MIXED AIR FLOW FAN FOR AERATING AN AGRICULTURAL STORAGE BIN**
[54] **VENTILATEUR D'ECOULEMENT D'AIR MIXTE SERVANT A AERER UN BAC D'ENTREPOSAGE DE PRODUIT AGRICOLE**
[72] MARQUES, AL, CA
[72] POWELL, JEFF, CA
[71] S3 MANUFACTURING INC., CA
[22] 2016-12-19
[41] 2018-06-19

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[21] **2,952,462**
[13] A1
[51] **Int.Cl. F24C 9/00 (2006.01)**
[25] EN
[54] **MULTI-FUNCTION SOLAR COOKING UNIT AND APPLIANCE**
[54] **MODULE DE CUISSON A ENERGIE SOLAIRE MULTIFONCTION ET APPAREIL**
[72] LIN, HUAZI, CA
[72] LIN, YUANBAO, CA
[71] LIN, HUAZI, CA
[22] 2016-12-21
[41] 2018-06-21

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[21] **2,952,476**
[13] A1
[51] **Int.Cl. B60K 15/04 (2006.01) B60P 3/32 (2006.01)**
[25] EN
[54] **NECK EXTENDER SLEEVES FOR USE ON VEHICLES SUCH AS RECREATIONAL VEHICLES (RV)**
[54] **MANCHONS D'EXTENSION DE COL DESTINES A DES VEHICULES COMME LES VEHICULES RECREATIFS (VR)**
[72] SCHRODER, GORDON, CA
[71] BELCAROL SOLUTIONS LIMITED, CA
[22] 2016-12-21
[41] 2018-06-21

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[21] **2,952,490**
[13] A1
[51] **Int.Cl. B64C 1/24 (2006.01) B64C 1/14 (2006.01) B64C 27/00 (2006.01)**
[25] EN
[54] **A MAINTENANCE STEP FOR A HELICOPTER**
[54] **UNE ETAPE DE MAINTENANCE D'UN HELICOPTERE**
[72] STEINDL, CHRISTOPH, DE
[72] STROBEL, DOMINIK, DE
[71] AIRBUS HELICOPTERS DEUTSCHLAND GMBH, DE
[22] 2016-12-20
[41] 2018-06-20

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[21] **2,952,501**
[13] A1
[51] **Int.Cl. F04D 15/00 (2006.01) H02K 11/20 (2016.01) F04D 13/08 (2006.01) G09G 5/00 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR MONITORING THE STATUS OF AN ELECTRIC SUBMERSIBLE PUMP**
[54] **UN SYSTEME ET UNE METHODE DE SURVEILLANCE DE L'ETAT D'UNE POMPE SUBMERSIBLE ELECTRIQUE**
[72] VAN-DE-VELDE, PETER FRANCIS, CA
[72] GUENTHER, NICHOLAS JAMES, CA
[72] GREEN, CHRISTOPHER AARON, CA
[72] WYNN, RICHARD DOUGLAS, JR., CA
[71] DAJUSTCO IP HOLDINGS INC., CA
[22] 2016-12-22
[41] 2018-06-22

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[21] **2,952,502**
[13] A1
[51] **Int.Cl. B60P 1/00 (2006.01) B60P 1/54 (2006.01)**
[25] EN
[54] **HOOKLIFT TRAILER**
[54] **REMORQUE A LEVAGE A CROCHET**
[72] SAILER, RYAN BLAIR, CA
[71] SOUTHLAND TRAILER CORP., CA
[22] 2016-12-22
[41] 2018-06-22

Demandes canadiennes mises à la disponibilité du public
17 juin 2018 au 23 juin 2018

[21] **2,952,510**
[13] A1
[51] **Int.Cl. G06K 9/20 (2006.01) A61B 5/1172 (2016.01) G06K 9/03 (2006.01)**
[25] EN
[54] **BIOMETRIC SUBMISSION SYSTEM**
[54] **SYSTEME DE TRANSMISSION DE BIOMETRIE**
[72] LEFEUVRE, EDYTHE P., CA
[72] HERMANTO, IVI, CA
[72] HALE, RODNEY D., CA
[71] LEFEUVRE, EDYTHE P., CA
[71] HERMANTO, IVI, CA
[71] HALE, RODNEY D., CA
[22] 2016-12-23
[41] 2018-06-23

[21] **2,952,514**
[13] A1
[51] **Int.Cl. A63F 3/00 (2006.01) A63F 1/00 (2006.01)**
[25] EN
[54] **TRADING CARD GAME SYSTEM AND METHOD**
[54] **SYSTEME DE JEU DE CARTES ECHANGEABLES ET METHODE**
[72] GUARINO, ROBERT, CA
[71] GUARINO, ROBERT, CA
[22] 2016-12-23
[41] 2018-06-22
[30] US (15388685) 2016-12-22

[21] **2,952,516**
[13] A1
[51] **Int.Cl. A63B 67/04 (2006.01) A47B 25/00 (2006.01) A63F 7/06 (2006.01) A63F 7/36 (2006.01)**
[25] EN
[54] **COLLAPSIBLE BEER PONG GAME STAND WITH NETTING & BALL RETURN CHANNEL**
[54] **JEU DE BIERE PONG ECRASABLE, ET FILET ET CANAL DE RETOUR DE BALLE**
[72] UNKNOWN, ZZ
[71] FRASER, RYAN M., CA
[22] 2016-12-22
[41] 2018-06-22

[21] **2,952,517**
[13] A1
[51] **Int.Cl. B60B 7/20 (2006.01)**
[25] EN
[54] **THE NON-ROTATING CENTER CAP DEVICE**
[54] **DISPOSITIF DE BOUCHON CENTRAL NON VISSE**
[72] CASTRO-VILLANUEVA, JUAN CARLOS, CA
[71] CASTRO-VILLANUEVA, JUAN CARLOS, CA
[22] 2016-12-22
[41] 2018-06-22

[21] **2,952,518**
[13] A1
[51] **Int.Cl. B29C 64/124 (2017.01) B29C 64/129 (2017.01) B29C 64/268 (2017.01) B29C 64/291 (2017.01)**
[25] EN
[54] **MULTI-DIMENSIONAL PRINTING SYSTEM AND METHOD**
[54] **SYSTEME D'IMPRESSION MULTIDIMENSIONNELLE ET METHODE**
[72] YEARWOOD, MICHAEL, CA
[71] YEARWOOD, MICHAEL, CA
[22] 2016-12-22
[41] 2018-06-20
[30] US (15385619) 2016-12-20

[21] **2,952,519**
[13] A1
[51] **Int.Cl. A43B 7/30 (2006.01) A43B 7/18 (2006.01) A61F 5/14 (2006.01)**
[25] EN
[54] **SHOE INSERTS/INSOLES MADE OF SPRING STEEL**
[54] **SEMELLES INTERIEURES FAITES D'ACIER A RESSORTS**
[72] SZKODZINSKI, ANDREJ AS, CA
[71] SZKODZINSKI, ANDREJ AS, CA
[22] 2016-12-23
[41] 2018-06-23

[21] **2,952,520**
[13] A1
[51] **Int.Cl. B25B 3/00 (2006.01) A01D 34/416 (2006.01) H01M 2/10 (2006.01) H01M 2/20 (2006.01) H02J 7/00 (2006.01) H02K 7/14 (2006.01) H02K 11/00 (2016.01) H02P 7/00 (2016.01) A61G 5/04 (2013.01)**
[25] EN
[54] **MODULAR TOOL SYSTEM**
[54] **SYSTEME D'OUTILS MODULAIRE**
[72] MATEI, ANDREI, CA
[71] MATEI, ANDREI, CA
[22] 2016-12-23
[41] 2018-06-23

[21] **2,952,555**
[13] A1
[51] **Int.Cl. E06C 7/00 (2006.01) E06C 7/18 (2006.01)**
[25] EN
[54] **BOBEX**
[54] **BOBEX**
[72] ZDZISLAW, BOBEK, CA
[71] ZDZISLAW, BOBEK, CA
[22] 2016-12-22
[41] 2018-06-22

[21] **2,952,560**
[13] A1
[51] **Int.Cl. E04F 11/00 (2006.01)**
[25] EN
[54] **ACCESSIBLE PASSAGEWAY ASSEMBLY**
[54] **ASSEMBLAGE DE PASSAGE ACCESSIBLE**
[72] KUO, CHINGYAO, TW
[72] LIEFKE, NORMAN WILLIAM, CA
[71] KUO, CHINGYAO, CN
[71] LIEFKE, NORMAN WILLIAM, CA
[22] 2016-12-21
[41] 2018-06-21

[21] 2,952,577
[13] A1
[51] Int.Cl. E04H 4/08 (2006.01) B65D 90/54 (2006.01)
[25] EN
[54] BASIN COVER MOUNTED TO UNEQUALLY-SPACED ANCHOR-RETENTION AREAS
[54] COUVRE BASSIN INSTALLE SUR DES ZONES DE RETENUE PAR ANCRAGE ESPACEES INEGALEMENT
[72] HOWE, BRENT, CA
[71] GEOMEMBRANE TECHNOLOGIES INC., CA
[22] 2016-12-23
[41] 2018-06-23

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[21] 2,952,693
[13] A1
[51] Int.Cl. B65D 1/02 (2006.01)
[25] EN
[54] BOTTLE FOR CONTROL OF LIQUID CONTENTS
[54] BOUTEILLE SERVANT A CONTROLER LES QUANTITES DE LIQUIDES
[72] ANGELLOTTI, RONALD G., CA
[72] KIM, JOON, CA
[72] SHEN, JAMES, CA
[72] DAMJANOVIC, BOGDAN, CA
[71] DOSEBIOME INC., CA
[22] 2016-12-22
[41] 2018-06-22

---

[21] 2,952,715
[13] A1
[51] Int.Cl. A47G 9/00 (2006.01) A41B 13/00 (2006.01) A47D 15/00 (2006.01)
[25] EN
[54] BABY CHARM BLANKET
[54] COUVERTURE ORNEE DE SOUVENIRS DE BEBE
[72] ARCHIBALD, MARGARET JANE, CA
[71] ARCHIBALD, MARGARET JANE, CA
[22] 2016-12-22
[41] 2018-06-22

---

[21] 2,952,733
[13] A1
[51] Int.Cl. E04D 13/16 (2006.01) E04D 3/36 (2006.01)
[25] EN
[54] RIGID INSULATED ROOFING SYSTEM
[54] SYSTEME DE TOITURE ISOLEE RIGIDE
[72] MARSHALL, JOSEPH T., CA
[71] MARSHALL, JOSEPH T., CA
[22] 2016-12-23
[41] 2018-06-23

---

[21] 2,952,774
[13] A1
[51] Int.Cl. E04C 5/16 (2006.01)
[25] EN
[54] RE BAR LOCK
[54] VERROU DE BARRE D'ARMATURE
[72] MERMUYS, LUKE J., CA
[71] MERMUYS, LUKE J., CA
[22] 2016-12-19
[41] 2018-06-19

---

[21] 2,952,786
[13] A1
[51] Int.Cl. A63C 1/32 (2006.01) A43B 5/16 (2006.01)
[25] EN
[54] ICE SKATE BLADE
[54] LAME DE PATIN A GLACE
[72] LABONTE, IVAN, CA
[72] SEGUIN, ALEXIS, CA
[72] CORBEIL, JEAN-FRANCOIS, CA
[72] DESCHENES, CANDIDE, CA
[71] BAUER HOCKEY CORP., CA
[22] 2016-12-22
[41] 2018-06-22

---

[21] 2,952,915
[13] A1
[51] Int.Cl. E21B 43/12 (2006.01) E21B 43/16 (2006.01) E21B 43/24 (2006.01)
[25] EN
[54] DOWNHOLE METHODS AND ASSOCIATED APPARATUS
[54] METHODES DE FOND DE TROU ET APPAREILLAGE ASSOCIE
[72] FIPKE, STEVEN, US
[72] KONOPCZYNSKI, MICHAEL, US
[71] SWELLFIX UK LIMITED, GB
[22] 2016-12-23
[41] 2018-06-23

---

[21] 2,953,009
[13] A1
[51] Int.Cl. F03G 7/10 (2006.01) F16H 33/00 (2006.01)
[25] EN
[54] SINGEDEN ENERGY MOTOR SPECIFICATION
[54] CARACTERISTIQUE TECHNIQUE DE MOTEUR A ENERGIE SINGEDEN
[72] WOODS, TIMOTHY J., CA
[71] WOODS, TIMOTHY J., CA
[22] 2016-12-22
[41] 2018-06-22

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[21] 2,953,012
[13] A1
[51] Int.Cl. E21B 17/042 (2006.01) E21B 17/00 (2006.01) E21B 17/02 (2006.01) H01R 4/70 (2006.01)
[25] EN
[54] SEALED GAP SUB
[54] SOUS-ESPACE SCELLE
[72] STACK, LUKE ANTHONY, CA
[72] LOGAN, AARON WILLIAM, CA
[72] LOGAN, JUSTIN C., CA
[72] DERKACZ, PATRICK R., CA
[72] LEE, GAVIN GAW-WAE, CA
[72] HEPGUVENDIK, HASAN ALPER, CA
[72] KAZEMI MIRAKI, MOJTABA, CA
[72] AHMOYE, DANIEL W., CA
[72] WEST, KURTIS K.L., CA
[72] FRANCOEUR, ANGELICA J.B., CA
[71] EVOLUTION ENGINEERING INC., CA
[22] 2016-12-23
[41] 2018-06-23

---

[21] 2,953,159
[13] A1
[51] Int.Cl. C07K 5/03 (2006.01) A61K 38/06 (2006.01) A61K 38/55 (2006.01) C07K 5/08 (2006.01) C12N 9/64 (2006.01)
[25] EN
[54] MATRIPTASE INHIBITORS AND USES THEREOF
[54] INHIBITEURS DE MATRIPTASE ET UTILISATIONS ASSOCIEES
[72] BOUDREAULT, PIERRE-LUC, CA
[72] COLOMBO, ELOIC, CA
[72] RICHTER, MARTIN, CA
[72] LEDUC, RICHARD, CA
[72] MARSAULT, ERIC, CA
[72] PLANCQ, BAPTISTE, CA
[71] NEOMED INSTITUTE, CA
[22] 2016-12-23
[41] 2018-06-23

[21] **2,953,163**
[13] A1
[51] **Int.Cl. C07F 5/02 (2006.01) H01M 10/0564 (2010.01) C07F 5/04 (2006.01) C07F 5/06 (2006.01)**
[25] FR
[54] **COMPOSITIONS BASED ON AN ELEMENT FROM THE BORON FAMILY AND THEIR USES IN ELECTROLYTE COMPOSITIONS**
[54] **COMPOSES A BASE D'UN ELEMENT DE LA FAMILLE DU BORE ET LEUR UTILISATION DANS DES COMPOSITIONS D'ELECTROLYTES**
[72] MORIZUR, VINCENT, FR
[72] HAYS, PAULINE, FR
[72] DELABOISSIERE, ARTHUR, FR
[72] PARVOLE, JULIEN, FR
[72] PAILLET, SABRINA, FR
[72] ZAGHIB, KARIM, CA
[71] SCE FRANCE, FR
[22] 2016-12-23
[41] 2018-06-23

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[21] **2,953,166**
[13] A1
[51] **Int.Cl. C07K 5/083 (2006.01) A61K 38/06 (2006.01) A61K 38/55 (2006.01) A61P 31/16 (2006.01) A61P 35/00 (2006.01) C07K 5/08 (2006.01) C12N 9/64 (2006.01)**
[25] EN
[54] **MATRIPTASE INHIBITORS AND USES THEREOF**
[54] **INHIBITEURS DE MATRIPTASE ET UTILISATIONS ASSOCIEES**
[72] BOUDREAULT, PIERRE-LUC, CA
[72] COLOMBO, ELOIC, CA
[72] LEDUC, RICHARD, CA
[72] MARSAULT, ERIC, CA
[72] PLANCQ, BAPTISTE, CA
[72] RICHTER, MARTIN, CA
[71] NEOMED INSTITUTE, CA
[22] 2016-12-23
[41] 2018-06-23

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[21] **2,953,168**
[13] A1
[51] **Int.Cl. C07K 5/083 (2006.01) A61K 38/06 (2006.01) A61K 38/55 (2006.01) A61P 35/00 (2006.01) C07K 5/08 (2006.01) C12N 9/64 (2006.01)**
[25] EN
[54] **MATRIPTASE INHIBITORS AND USES THEREOF**
[54] **INHIBITEURS DE MATRIPTASE ET UTILISATIONS ASSOCIEES**
[72] BOUDREAULT, PIERRE-LUC, CA
[72] COLOMBO, ELOIC, CA
[72] LEDUC, RICHARD, CA
[72] MARSAULT, ERIC, CA
[72] PLANCQ, BAPTISTE, CA
[72] RICHTER, MARTIN, CA
[71] NEOMED INSTITUTE, CA
[22] 2016-12-23
[41] 2018-06-23

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[21] **2,953,308**
[13] A1
[51] **Int.Cl. E05F 15/603 (2015.01) H02K 24/00 (2006.01) H02P 7/00 (2016.01)**
[25] EN
[54] **SHUTTER CONTROL**
[54] **COMMANDE DE VOLET**
[72] GUNTON, BRUCE STANLEY, GB
[71] GUNTON, BRUCE STANLEY, GB
[22] 2016-12-30
[41] 2018-06-22
[30] US (15/387,978) 2016-12-22

---

[21] **2,953,833**
[13] A1
[51] **Int.Cl. H01M 8/0297 (2016.01) H01M 8/2465 (2016.01)**
[25] EN
[54] **FUEL CELL STACK**
[54] **EMPILEMENT DE PILES A COMBUSTIBLE**
[72] D'ALEO, JAMES, US
[72] ELDER, CHARLES RUSSELL, US
[71] PLUG POWER, INC., US
[22] 2017-01-04
[41] 2018-06-22
[30] US (15/388,517) 2016-12-22

---

[21] **2,953,835**
[13] A1
[51] **Int.Cl. H01M 8/241 (2016.01) H01M 8/0202 (2016.01) H01M 8/0271 (2016.01)**
[25] EN
[54] **FUEL CELL STACK**
[54] **EMPILEMENT DE PILES A COMBUSTIBLE**
[72] ELDER, CHARLES RUSSELL, US
[72] D'ALEO, JAMES, US
[71] PLUG POWER, INC., US
[22] 2017-01-04
[41] 2018-06-22
[30] US (15/388,547) 2016-12-22

---

[21] **2,955,108**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A23L 25/00 (2016.01) A01H 1/00 (2006.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **PLANTS AND SEEDS OF CANOLA VARIETY SCV149064**
[54] **PLANTS ET SEMENCES DE CANOLA DE VARIETE SCV149064**
[72] BURNS, DALE R., US
[72] CHRISTIANSON, JED, US
[72] LIU, JUN, US
[72] WU, CHUNREN, US
[71] MONSANTO TECHNOLOGY LLC, US
[22] 2017-01-17
[41] 2018-06-22
[30] US (15/389,089) 2016-12-22

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[21] **2,959,265**
[13] A1
[51] **Int.Cl. B60P 1/48 (2006.01)**
[25] EN
[54] **HOOKLIFT TRAILER**
[54] **REMORQUE A LEVAGE A CROCHET**
[72] SAILER, RYAN BLAIR, CA
[71] SOUTHLAND TRAILER CORP., CA
[22] 2017-02-28
[41] 2018-06-22
[30] CA (2,952,502) 2016-12-22

[21] **2,965,937**
[13] A1
[51] **Int.Cl. B21D 28/34 (2006.01) B21D 28/26 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR BREAKING OUT A PLANAR WORKPIECE FROM A MATERIAL SHEET**
[54] **METHODE ET DISPOSITIF DE DEGAGEMENT D'UNE PIECE DE TRAVAIL PLANAIRE D'UNE PLAQUE DE MATERIAU**
[72] JAKOB, JOACHIM, DE
[71] JAKOB, JOACHIM, DE
[22] 2017-05-01
[41] 2018-06-19
[30] DE (1020161248487) 2016-12-19
[30] DE (1020171055088) 2017-03-15

---

[21] **2,967,149**
[13] A1
[51] **Int.Cl. B60K 17/30 (2006.01) B60W 10/16 (2012.01) B60W 10/20 (2006.01)**
[25] EN
[54] **VEHICLE DRIVE TRANSMISSION AND ELECTRICALLY ASSISTED STEERING SYSTEM**
[54] **TRANSMISSION D'ENTRAINEMENT DE VEHICULE ET SYSTEME DE DIRECTION ASSISTEE ELECTRIQUEMENT**
[72] VISSCHER, PETER DEREK, CA
[72] BAUMAN, JEREMY, CA
[72] REITER, ROBERT, CA
[71] ONTARIO DRIVE AND GEAR, LTD., CA
[22] 2017-05-15
[41] 2018-06-21
[30] US (62/437,618) 2016-12-21

---

[21] **2,968,260**
[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01) F02C 9/16 (2006.01) F04D 29/54 (2006.01)**
[25] EN
[54] **VANE DIFFUSER AND METHOD FOR CONTROLLING A COMPRESSOR HAVING SAME**
[54] **DIFFUSEUR D'AUBE ET METHODE DE CONTROLE D'UN COMPRESSEUR COMPORTANT LEDIT DIFFUSEUR**
[72] DUONG, HIEN, CA
[72] KANDASAMY, VIJAY, IN
[72] NAIR, SAURABH S., IN
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-05-24
[41] 2018-06-20
[30] US (15/385,435) 2016-12-20

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[21] **2,968,943**
[13] A1
[51] **Int.Cl. B21D 22/02 (2006.01) B21D 37/16 (2006.01)**
[25] EN
[54] **HOT STAMPING SYSTEM FOR PRODUCTION OF A PARTS ASSEMBLY**
[54] **UN SYSTEME D'ESTAMPAGE A CHAUD SERVANT A PRODUIRE UN ENSEMBLE DE PIECES**
[72] SPORTELLI, PIETRO, BR
[71] AETHRA SISTEMAS AUTOMOTIVOS S/A, BR
[22] 2017-05-29
[41] 2018-06-23
[30] BR (BR 10 2016 030406 7) 2016-12-23

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[21] **2,975,558**
[13] A1
[51] **Int.Cl. F02C 7/36 (2006.01) F02C 7/00 (2006.01) F02C 7/32 (2006.01)**
[25] EN
[54] **REVERSE FLOW ENGINE ARCHITECTURE**
[54] **ARCHITECTURE DE MOTEUR A ECOULEMENT INVERSE**
[72] PLANTE, GHISLAIN, CA
[72] VALOIS, PATRICK, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-08-04
[41] 2018-06-20
[30] US (15/384,655) 2016-12-20

---

[21] **2,977,245**
[13] A1
[51] **Int.Cl. B64C 9/34 (2006.01) B64C 3/44 (2006.01) B64C 9/08 (2006.01) B64F 5/00 (2017.01)**
[25] EN
[54] **WING FLAP DEFLECTION CONTROL REMOVAL**
[54] **RETRAIT DE CONTROLE DE DEFLEXION DE VOLET HYPERSUSTENSEUR**
[72] KORDEL, JAN A., US
[72] VIRNIG, JACOB DANIEL, US
[72] BALZER, MICHAEL ALBERT, US
[72] DETERT, BRUCE, US
[72] SETIAWAN, EMANUEL RIZAL, US
[71] THE BOEING COMPANY, US
[22] 2017-08-22
[41] 2018-06-21
[30] US (15/386,211) 2016-12-21

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[21] **2,978,307**
[13] A1
[51] **Int.Cl. E21B 43/18 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **FLUIDS INJECTION FLOW CONTROL DEVICE FOR USE IN OIL WELLS**
[54] **DISPOSITIF DE CONTROLE DE FLUX D'INJECTION DE FLUIDES DESTINE A DES PUITS DE PETROLE**
[72] DEL POZO, LEONCIO, AR
[72] DAPARO, WALTER D., AR
[72] CARBONETTI, JULIO, AR
[72] FERNANDEZ, GABRIEL, AR
[71] COMPANIAS ASOCIADAS PETROLERAS S.A., AR
[22] 2017-09-07
[41] 2018-06-23
[30] AR (20160104012) 2016-12-23

---

[21] **2,979,102**
[13] A1
[51] **Int.Cl. F16F 7/09 (2006.01) F16J 1/00 (2006.01)**
[25] EN
[54] **ACTUATOR**
[54] **ACTIONNEUR**
[72] HAWKSWORTH, ANDREW, GB
[72] MORGAN, ANTONY, GB
[71] GOODRICH ACTUATION SYSTEMS LIMITED, GB
[22] 2017-09-12
[41] 2018-06-22
[30] EP (16206401.8) 2016-12-22

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[21] **2,979,352**
[13] A1
[51] **Int.Cl. G01M 7/02 (2006.01)**
[25] EN
[54] **TEST FIXTURE FOR TENSIONING AND COOLING AN ARTICLE**
[54] **APPAREIL DE TEST SERVANT A METTRE SOUS TENSION ET REFROIDIR UN ARTICLE**
[72] ANDERSON, DAVID MITCHELL, US
[72] AKDENIZ, AYDIN, US
[72] BERTRAND, BLAKE A., US
[72] HORST, PERRY THOMAS, US
[71] THE BOEING COMPANY, US
[22] 2017-09-14
[41] 2018-06-21
[30] US (15/386,860) 2016-12-21

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[21] **2,979,618**
[13] A1
[51] **Int.Cl. A61N 5/06 (2006.01)**
[25] EN
[54] **LED THERAPY BED**
[54] **LIT THERAPEUTIQUE A DEL**
[72] MARCHESE, STEPHEN J., US
[72] MARCHESE, CHASEN J., US
[71] MARCHESE, STEPHEN J., US
[71] MARCHESE, CHASEN J., US
[22] 2017-09-19
[41] 2018-06-19
[30] US (15/383,376) 2016-12-19
[30] WO (PCT/US2017/029150) 2017-04-24

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[21] **2,981,274**
[13] A1
[51] **Int.Cl. B64C 3/56 (2006.01) B64C 13/16 (2006.01) B64C 19/00 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO CONTROL AND MONITOR A FOLDING WINGTIP ACTUATION SYSTEM**
[54] **METHODES ET APPAREILS DE CONTROLE ET SURVEILLANCE D'UN SYSTEME D'ACTIONNEMENT D'EXTREMITE D'AILE PLIANTE**
[72] NIEMIEC, AARON, US
[72] HONSE, ADAM MICHAEL, US
[72] GARMIRE, GREGORY JAMES, US
[72] HRITZO, MIKE ANDREW, US
[71] THE BOEING COMPANY, US
[22] 2017-10-03
[41] 2018-06-19
[30] US (15/383,873) 2016-12-19

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[21] **2,981,902**
[13] A1
[51] **Int.Cl. B64C 3/56 (2006.01) B64C 13/00 (2006.01) B64D 47/00 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO VALIDATE AN AIRCRAFT CONTROL SYSTEM COMMAND**
[54] **METHODES ET APPAREIL DE VALIDATION D'UNE COMMANDE DE SYSTEME DE CONTROLE D'AERONEF**
[72] NIEMIEC, AARON, US
[71] THE BOEING COMPANY, US
[22] 2017-10-05
[41] 2018-06-19
[30] US (15/383,893) 2016-12-19

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[21] **2,981,930**
[13] A1
[51] **Int.Cl. G01L 9/14 (2006.01) B64D 37/32 (2006.01) B64D 45/00 (2006.01) G01L 27/02 (2006.01) G01R 31/327 (2006.01) H01H 35/34 (2006.01) H01H 35/38 (2006.01)**
[25] EN
[54] **IN-SITU FUNCTIONALITY TEST FEATURE FOR ADVANCE PNEUMATIC DETECTOR**
[54] **FONCTION DE TEST A FONCTIONNALITE SUR PLACE DESTINEE A UN DETECTEUR PNEUMATIQUE EVOLUE**
[72] SEEBALUCK, DHARMENDR LEN, US
[72] ROGERS, AARON STANLEY, US
[71] KIDDE TECHNOLOGIES, INC., US
[22] 2017-10-06
[41] 2018-06-19
[30] US (15/383,390) 2016-12-19

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[21] **2,982,061**
[13] A1
[51] **Int.Cl. G06Q 30/00 (2012.01)**
[25] EN
[54] **MANAGING PRODUCT RETURNS ASSOCIATED WITH A USER DEVICE**
[54] **GESTION DE RETOURS DE PRODUIT ASSOCIES A UN DISPOSITIF UTILISATEUR**
[72] PAYNE, MICHAEL, US
[72] CLARK, JIMMIE, US
[72] CHARLES, KEVIN M., US
[71] WAL-MART STORES, INC., US
[22] 2017-10-11
[41] 2018-06-21
[30] US (62/437,389) 2016-12-21

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[21] **2,982,184**
[13] A1
[51] **Int.Cl. B64D 47/00 (2006.01) B64D 11/00 (2006.01) B64D 47/08 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **SYSTEM FOR DISPLAYING THE STATUS OF USE OF AIRCRAFT OVERHEAD LUGGAGE STORAGE BINS**
[54] **SYSTEME D'AFFICHAGE DE L'ETAT D'UTILISATION D'ESPACES DE RANGEMENT DE BAGAGE AU-DESSUS DU SIEGE DANS UN AERONEF**
[72] IBRAHIM, YAKENTIM M., US
[72] CALLAHAN, KEVIN S., US
[72] SCHALLA, JAMES P., US
[71] THE BOEING COMPANY, US
[22] 2017-10-10
[41] 2018-06-19
[30] US (15/383,851) 2016-12-19

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[21] **2,982,790**
[13] A1
[51] **Int.Cl. B65F 3/00 (2006.01) B65F 3/04 (2006.01)**
[25] EN
[54] **REFUSE COLLECTION SYSTEM**
[54] **SYSTEME DE COLLECTE DE DECHETS**
[72] RIMSA, JAMES, US
[71] PERKINS MANUFACTURING CO., US
[22] 2017-10-18
[41] 2018-06-21
[30] US (62/437,379) 2016-12-21
[30] US (15/784,717) 2017-10-16

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[21] **2,983,511**
[13] A1
[51] **Int.Cl. A62C 37/50 (2006.01) A62C 8/06 (2006.01) B62B 3/10 (2006.01)**
[25] EN
[54] **LID AND TROLLEY SYSTEM FOR USE WITH FIRE TEST PAN**
[54] **SYSTEME DE COUVERCLE ET POULIE DESTINE A UN BAC DE TEST D'INCENDIE**
[72] ETHERIDGE, TERRY, US
[72] NESSEL, KIMBERLY ROBERT, US
[71] RUSOH, INC., US
[22] 2017-10-24
[41] 2018-06-20
[30] US (15/385,140) 2016-12-20

[21] **2,983,534**
[13] A1
[51] **Int.Cl. B64D 29/06 (2006.01)**
[25] EN
[54] **APPARATUSES AND METHODS FOR COWL LATCH INDICATION**
[54] **APPAREILS ET METHODES DESTINES A L'INDICATION DE VERROU DE CAPOT-MOTEUR**
[72] FROMMER, JOSHUA B., US
[72] KULAK, ANDREW C., US
[72] ROETHLE, MICHAEL P., US
[72] NEILL, LESLIE R., US
[72] HERMANSON, PAUL E., US
[72] TOLIVER, RHODA REBECCA, US
[71] THE BOEING COMPANY, US
[22] 2017-10-23
[41] 2018-06-21
[30] US (15/386,829) 2016-12-21

[21] **2,983,547**
[13] A1
[51] **Int.Cl. G01G 13/08 (2006.01) B65B 1/32 (2006.01) B65B 3/28 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR WEIGHING FILLED CAPSULES**
[54] **APPAREIL ET METHODE DE PESEE DE CAPSULES REMPLIES**
[72] KIEHN, UWE, DE
[72] PUPPICH, THOMAS, DE
[71] HARRO HOFLIGER VERPACKUNGSMASCHINEN GMBH, DE
[22] 2017-10-24
[41] 2018-06-23
[30] EP (16 002 741.3) 2016-12-23

[21] **2,984,061**
[13] A1
[51] **Int.Cl. H02H 9/04 (2006.01)**
[25] EN
[54] **DEVICES FOR ACTIVE OVERVOLTAGE PROTECTION**
[54] **DISPOSITIFS DESTINES A LA PROTECTION ACTIVE CONTRE LA SURTENSION**
[72] KOSTAKIS, GRIGORIS, GR
[72] POLITIS, ZAFIRIS G., GR
[72] XEPAPAS, FOTIS, GR
[72] CHOROZOGLOU, ALEXIS, GR
[72] PREVEZIANOS, CHRISTOS, GR
[71] RIPD RESEARCH AND IP DEVELOPMENT LTD., GR
[22] 2017-10-27
[41] 2018-06-23
[30] US (15/389870) 2016-12-23

[21] **2,984,534**
[13] A1
[51] **Int.Cl. B64D 33/08 (2006.01) B64C 27/12 (2006.01) B64C 27/22 (2006.01) B64C 39/06 (2006.01) B64D 35/00 (2006.01) F01M 5/00 (2006.01) F01P 5/10 (2006.01)**
[25] EN
[54] **ENGINE COOLING SYSTEMS FOR AIRCRAFT**
[54] **SYSTEMES DE REFROIDISSEMENT MOTEUR DESTINES A UN AERONEF**
[72] BRODEUR, NICHOLAS, US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2017-11-01
[41] 2018-06-20
[30] US (15/384,495) 2016-12-20

[21] **2,984,768**
[13] A1
[51] **Int.Cl. B62D 25/16 (2006.01) B62B 17/00 (2006.01) B62D 55/07 (2006.01) B62J 17/00 (2006.01)**
[25] EN
[54] **FLAP ASSEMBLY FOR A SNOWMOBILE**
[54] **DISPOSITIF DE VOLET DESTINE A UNE MOTONEIGE**
[72] LABBE, CHRISTIAN, CA
[72] MERCIER, MATHIEU, CA
[71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
[22] 2017-11-06
[41] 2018-06-22
[30] US (62/438,191) 2016-12-22

[21] **2,984,865**
[13] A1
[51] **Int.Cl. G01N 21/25 (2006.01) G01N 21/27 (2006.01)**
[25] EN
[54] **DEFINING SOFTWARE CONFIGURATION FOR HYPERSPECTRAL IMAGING APPARATUS**
[54] **DEFINITION DE CONFIGURATION LOGICIELLE DESTINEE A UN APPAREIL D'IMAGERIE HYPERSPECTRALE**
[72] JUSSILA, JOUNI, FI
[71] SPECIM, SPECTRAL IMAGING OY LTD, FI
[22] 2017-11-07
[41] 2018-06-20
[30] EP (16205351.6) 2016-12-20

[21] **2,985,285**
[13] A1
[51] **Int.Cl. H01M 8/0202 (2016.01) H01M 8/2465 (2016.01) H01M 2/30 (2006.01) H01M 10/46 (2006.01)**
[25] EN
[54] **FUEL CELL STACK FOR ENHANCED HYBRID POWER SYSTEMS**
[54] **EMPILEMENT DE PILE A COMBUSTIBLE DESTINE A DES SYSTEMES D'ALIMENTATION HYBRIDES AMELIORES**
[72] FERREYRA, EDUARDO GABRIEL, ES
[72] SERROT HAUKE, ENRIQUE EMILIO, ES
[72] LEMUS, JOSE LUIS, ES
[72] BLANCO, JOSE ANTONIO, ES
[72] LAPENA-REY, NIEVES, ES
[71] THE BOEING COMPANY, US
[22] 2017-11-10
[41] 2018-06-20
[30] EP (16382626.6) 2016-12-20

[21] **2,985,440**
[13] A1
[51] **Int.Cl. G08C 17/02 (2006.01) F21S 8/00 (2006.01)**
[25] EN
[54] **OPERATING OF A TRANSMISSION DEVICE OF A LIGHTING DEVICE COMPRISING AN ILLUMINATION DEVICE**
[54] **FONCTIONNEMENT D'UN DISPOSITIF DE TRANSMISSION D'UN APPAREIL D'ECLAIRAGE COMPORTANT UN DISPOSITIF D'ECLAIRAGE**
[72] FEIL, HENRY, DE
[72] OBERKOXHOLT, KARL-HEINZ, DE
[72] PEITZ, CHRISTOPH, DE
[72] STUTZ, MICHEL, DE
[72] WALLWITZ, ANDREJ, DE
[71] OSRAM GMBH, DE
[22] 2017-11-14
[41] 2018-06-23
[30] DE (10 2016 125 636.3) 2016-12-23

[21] **2,985,468**
[13] A1
[51] **Int.Cl. B03C 3/34 (2006.01) B03C 3/04 (2006.01) F23J 15/00 (2006.01)**
[25] EN
[54] **METHOD AND ARRANGEMENT**
[54] **METHODE ET CONFIGURATION**
[72] TOLVANEN, JUHA, FI
[71] VALMET TECHNOLOGIES OY, FI
[22] 2017-11-14
[41] 2018-06-22
[30] FI (20166023) 2016-12-22

[21] **2,985,956**
[13] A1
[51] **Int.Cl. B65D 81/38 (2006.01)**
[25] EN
[54] **VACUUM INSULATING CONTAINER**
[54] **CONTENANT ISOLANT SOUS VIDE**
[72] YAMASHITA, OSAMU, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2017-11-17
[41] 2018-06-22
[30] JP (2016-249923) 2016-12-22

[21] **2,986,162**
[13] A1
[51] **Int.Cl. B25B 23/04 (2006.01) B25B 23/06 (2006.01)**
[25] EN
[54] **SCREW ROPE FOR USE IN SUCCESSIVE SCREW CLAMPING MACHINE**
[54] **CORDON DE VIS DESTINE A UNE MACHINE DE SERRAGE DE VIS SUCCESSIVES**
[72] ARAI, KUNIHIRO, JP
[72] OCHIAI, TOMIAKI, JP
[71] MURO CORPORATION, JP
[22] 2017-11-20
[41] 2018-06-22
[30] US (2016-249783) 2016-12-22

[21] **2,986,284**
[13] A1
[51] **Int.Cl. C12Q 1/22 (2006.01) A23L 3/00 (2006.01) A61L 2/28 (2006.01)**
[25] EN
[54] **METHODS FOR ESTIMATING A DISINFESTATION RATE OF DISINFESTATION EQUIPMENT**
[54] **METHODES D'ESTIMATION DU TAUX DE DESINFESTATION D'UN EQUIPEMENT DE DESINFESTATION**
[72] CHUN, HON MING, US
[72] ROSS, ANDREW, US
[71] ZIEL EQUIPMENT, SALES AND SERVICES, LLC, US
[22] 2017-11-17
[41] 2018-06-22
[30] US (15/388,988) 2016-12-22

[21] **2,986,290**
[13] A1
[51] **Int.Cl. H02K 11/30 (2016.01) B66D 1/12 (2006.01) B66D 1/46 (2006.01) B66D 1/60 (2006.01) B66D 3/20 (2006.01) H02K 7/14 (2006.01)**
[25] EN
[54] **WINCH INCLUDING INTEGRATED CONTACTOR AND MOTOR**
[54] **TREUIL COMPORTANT UN CONTACTEUR ET UN MOTEUR INTEGRES**
[72] FRETZ, DARREN G., US
[72] AVERILL, BRYAN, US
[72] BRUMET, CLARK, US
[72] PAASCH, THOMAS, US
[72] CHRISTENSEN, KEVIN, US
[71] WARN INDUSTRIES, INC., US
[22] 2017-11-17
[41] 2018-06-19
[30] US (62/436,362) 2016-12-19
[30] US (15/809,336) 2017-11-10

[21] **2,986,292**
[13] A1
[51] **Int.Cl. H02K 11/33 (2016.01) B66D 1/12 (2006.01) B66D 1/16 (2006.01) B66D 1/28 (2006.01) B66D 1/36 (2006.01) H02K 7/14 (2006.01)**
[25] EN
[54] **WINCH INCLUDING A MOTOR MOUNTED CONTACTOR**
[54] **TREUIL COMPORTANT UN CONTACTEUR INSTALLE SUR LE MOTEUR**
[72] FRETZ, DARREN G., US
[72] AVERILL, BRYAN, US
[72] BRUMET, CLARK, US
[72] PAASCH, THOMAS, US
[72] CHRISTENSEN, KEVIN, US
[71] WARN INDUSTRIES, INC., US
[22] 2017-11-17
[41] 2018-06-19
[30] US (62/436,362) 2016-12-19
[30] US (15/809,342) 2017-11-10

[21] **2,986,294**
[13] A1
[51] **Int.Cl. H02K 11/30 (2016.01) H02K 11/20 (2016.01) B66D 1/12 (2006.01) B66D 1/46 (2006.01) B66D 1/60 (2006.01) H02K 5/22 (2006.01)**
[25] EN
[54] **WINCH INCLUDING INTEGRATED CONTACTOR AND MOTOR**
[54] **TREUIL COMPORTANT UN CONTACTEUR ET UN MOTEUR INTEGRES**
[72] FRETZ, DARREN G., US
[72] AVERILL, BRYAN, US
[72] BRUMET, CLARK, US
[72] PAASCH, THOMAS, US
[72] CHRISTENSEN, KEVIN, US
[71] WARN INDUSTRIES, INC., US
[22] 2017-11-17
[41] 2018-06-19
[30] US (62/436,362) 2016-12-19
[30] US (15/809,327) 2017-11-10

[21] **2,986,328**
[13] A1
[51] **Int.Cl. D21C 11/12 (2006.01) F22B 19/00 (2006.01) F22G 3/00 (2006.01)**
[25] EN
[54] **CHEMICAL RECOVERY BOILER**
[54] **CHAUDIERE DE RECUPERATION DE PRODUIT CHIMIQUE**
[72] NYMAN, JUSSI, FI
[72] RAJALA, TAISTO, FI
[72] SAARELA, ARI, FI
[71] VALMET TECHNOLOGIES OY, FI
[22] 2017-11-21
[41] 2018-06-22
[30] FI (20166012) 2016-12-22

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[21] **2,986,771**
[13] A1
[51] **Int.Cl. B64D 31/06 (2006.01) B64C 13/16 (2006.01) B64C 27/12 (2006.01)**
[25] FR
[54] **SHAFT ROTATION SPEED REGULATION DEVICE FOR A GAS TURBINE GENERATOR IN A ROTORCRAFT, ROTORCRAFT EQUIPPED WITH SUCH A DEVICE AND ASSOCIATED REGULATION METHOD**
[54] **DISPOSITIF DE REGULATION DE LA VITESSE DE ROTATION D'UN ARBRE D'UN GENERATEUR DE GAZ DE TURBOMOTEUR DE GIRAVION, GIRAVION EQUIPE D'UN TEL DISPOSITIF ET METHODE DE REGULATION ASSOCIEE**
[72] TAHERI, SETAREH, FR
[72] CERTAIN, NICOLAS, FR
[71] AIRBUS HELICOPTERS, FR
[22] 2017-11-23
[41] 2018-06-22
[30] FR (1601829) 2016-12-22

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[21] **2,986,992**
[13] A1
[51] **Int.Cl. G08G 1/0968 (2006.01) G10L 15/25 (2013.01) G06K 9/62 (2006.01) G08G 1/123 (2006.01)**
[25] EN
[54] **IN-VEHICLE DEVICE AND ROUTE INFORMATION PRESENTATION SYSTEM**
[54] **DISPOSITIF EMBARQUE ET SYSTEME DE PRESENTATION D'INFORMATION ROUTIERE DANS UN VEHICULE**
[72] SEKIZAWA, SHOGO, JP
[72] OHTSUKA, SHINICHIRO, JP
[72] IDO, DAISUKE, JP
[72] OKABE, MAKOTO, JP
[72] KIMATA, TAKANORI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2017-11-29
[41] 2018-06-21
[30] JP (2016-248118) 2016-12-21

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[21] **2,987,421**
[13] A1
[51] **Int.Cl. B62D 53/00 (2006.01) B60P 1/64 (2006.01)**
[25] EN
[54] **EXTENDABLE TRAILER FOR FREIGHT CONTAINERS**
[54] **REMORQUE EXTENSIBLE DESTINEE A DES CONTENANTS DE MARCHANDISES**
[72] MORENA, ANDREW, CA
[72] NADON, PATRICK, CA
[71] EQUIPEMENT MAX-ATLAS INTERNATIONAL INC., CA
[22] 2017-12-01
[41] 2018-06-20
[30] US (62/436,636) 2016-12-20

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[21] **2,987,452**
[13] A1
[51] **Int.Cl. A47J 37/07 (2006.01) A47J 36/00 (2006.01) F16B 1/00 (2006.01) F24C 15/12 (2006.01)**
[25] EN
[54] **ACCESSORY CLAMP FOR GRILL**
[54] **PINCE ACCESSOIRE DESTINEE A UN GRILL**
[72] POLACZEK, KAROL, US
[72] SIAZON, ROMUALDO SONNY, US
[71] WEBER-STEPHEN PRODUCTS LLC, US
[22] 2017-12-04
[41] 2018-06-22
[30] US (15/387,876) 2016-12-22

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[21] **2,987,462**
[13] A1
[51] **Int.Cl. G01S 17/08 (2006.01) A61B 3/113 (2006.01) B81B 7/02 (2006.01) G02B 23/00 (2006.01)**
[25] EN
[54] **OBSERVATION DEVICE HAVING AN EYE-CONTROLLED LASER RANGEFINDER**
[54] **DISPOSITIF D'OBSERVATION COMPORTANT UN TELEMETRE LASER CONTROLE PAR L'OEIL**
[72] KUNZ, DANIEL, CH
[71] SAFRAN VECTRONIX AG, CH
[22] 2017-12-04
[41] 2018-06-22
[30] EP (16206369.7) 2016-12-22

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[21] **2,987,537**
[13] A1
[51] **Int.Cl. B08B 9/04 (2006.01)**
[25] EN
[54] **SEWER CLEANING DEVICE AND/OR STREET CLEANING DEVICE**
[54] **APPAREIL DE NETTOYAGE DES EGOUTS OU APPAREIL DE NETTOYAGE DE RUE**
[72] WIEDEMANN, KARL, DE
[71] WIEDEMANN, KARL, DE
[22] 2017-12-01
[41] 2018-06-22
[30] DE (DE 10 2016 015 407.1) 2016-12-22

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[21] **2,987,568**
[13] A1
[51] **Int.Cl. H02G 7/12 (2006.01) H02G 7/14 (2006.01)**
[25] EN
[54] **SPACER DEVICE**
[54] **DISPOSITIF ESPACEUR**
[72] RICHARDSON, ALBERT S., JR. (DECEASED), US
[71] RICHARDSON, ALBERT S., JR. (DECEASED), US
[22] 2017-12-01
[41] 2018-06-19
[30] US (15/383,371) 2016-12-19

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[21] **2,987,817**
[13] A1
[51] **Int.Cl. G01N 21/59 (2006.01)**
[25] EN
[54] **GAS ANALYSIS**
[54] **ANALYSE DE GAZ**
[72] ROBINSON, DAVID PETER, GB
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[22] 2017-12-06
[41] 2018-06-22
[30] EP (16206168.3) 2016-12-22

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[21] **2,987,820**
[13] A1
[51] **Int.Cl. G05F 5/04 (2006.01) H01F 27/29 (2006.01) H02J 3/16 (2006.01)**
[25] EN
[54] **VOLTAGE REGULATOR SYSTEM AND METHOD OF USE**
[54] **SYSTEME DE REGULATEUR DE TENSION ET METHODE D'UTILISATION**
[72] DAUZAT, THOMAS AMBROSE, US
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[22] 2017-12-06
[41] 2018-06-20
[30] US (15/385,437) 2016-12-20

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[21] **2,987,995**
[13] A1
[51] **Int.Cl. E04C 5/16 (2006.01) E04B 1/78 (2006.01) E04B 5/43 (2006.01) E04C 5/02 (2006.01) F16L 59/12 (2006.01)**
[25] EN
[54] **STRUCTURAL ELEMENT FOR THERMAL INSULATION**
[54] **ELEMENT STRUCTUREL D'ISOLATION THERMIQUE**
[72] FRITSCHI, HUBERT, DE
[71] SCHOCK BAUTEILE GMBH, DE
[22] 2017-12-06
[41] 2018-06-19
[30] DE (10 2016 124 736.7) 2016-12-19

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[21] **2,988,136**
[13] A1
[51] **Int.Cl. F16L 33/00 (2006.01) F16L 25/12 (2006.01)**
[25] EN
[54] **UNIVERSAL DEVICE FOR THE REPLACEMENT OF WORN OR LACERATED PARTS OF CONNECTING CONDUITS BETWEEN COMPONENTS OF CLIMATE CONTROL, COOLING OR HYDRAULIC SYSTEMS**
[54] **DISPOSITIF UNIVERSEL DE REMPLACEMENT DE PIECES USEES OU LACEREES DE CONDUITS DE RACCORDEMENT ENTRE LES COMPOSANTES DE SYSTEMES DE CONTROLE DE LA TEMPERATURE AMBIANTE, LES SYSTEMESDE REFROIDISSEMENT OU LES SYSTEMES HYDRAULIQUES**
[72] GIOVANNINI, MIRCO, IT
[71] FLEXIN GROUP S.R.L., IT
[22] 2017-12-07
[41] 2018-06-22
[30] IT (202016000130323) 2016-12-22

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[21] **2,988,146**
[13] A1
[51] **Int.Cl. F15B 15/04 (2006.01) F15B 15/20 (2006.01)**
[25] EN
[54] **HYDRAULIC SYSTEM AND METHOD OF OPERATING THE SAME**
[54] **SYSTEME HYDRAULIQUE ET METHODE D'EXPLOITATION CONNEXE**
[72] STAVROU, PAUL C., US
[71] ROBERT BOSCH GMBH, DE
[22] 2017-12-07
[41] 2018-06-23
[30] US (15/389,586) 2016-12-23

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[21] **2,988,175**
[13] A1
[51] **Int.Cl. F24C 15/34 (2006.01) F16L 59/04 (2006.01)**
[25] EN
[54] **FOURS ET PRODUITS D'ISOLATION POUR FOURS**
[54] **OVENS AND INSULATION PRODUCTS FOR OVENS**
[72] BAREYT, CHRISTOPHE, FR
[72] GOGEON, DAVID, FR
[71] SAINT-GOBAIN ISOVER, FR
[22] 2017-12-07
[41] 2018-06-21
[30] FR (1662958) 2016-12-21

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[21] **2,988,192**
[13] A1
[51] **Int.Cl. G01N 21/01 (2006.01) G01N 21/85 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR OPTICALLY MEASURING FLUIDAL MATTER HAVING FLUID AS MEDIUM AND PARTICLES NON-DISSOLVED IN MEDIUM**
[54] **APPAREIL ET METHODE DE MESURE OPTIQUE DE MATIERE FLUIDIQUE COMPORTANT UN FLUIDE COMME MILIEU ET DES PARTICULES NON DISSOUTES DANS LE MILIEU**
[72] KARKI, PASI, FI
[71] VALMET AUTOMATION OY, FI
[22] 2017-12-08
[41] 2018-06-19
[30] FI (20165988) 2016-12-19

[21] **2,988,228**
[13] A1
[51] **Int.Cl. B25J 17/00 (2006.01) B25J 9/12 (2006.01) B25J 18/00 (2006.01) G09B 19/24 (2006.01)**
[25] EN
[54] **A FUNCTIONAL DEVICE, IN PARTICULAR A ROBOT, FOR EDUCATIONAL USE WITH MODULES THAT CAN BE COMBINED TOGETHER**
[54] **UN APPAREIL FONCTIONNEL, EN PARTICULIER UN ROBOT, DESTINE A UNE UTILISATION PEDAGOGIQUE COMPORTANT DES MODULES QUI PEUVENT ETRE COMBINES ENSEMBLE**
[72] CINIELLO, FRANCESCO, IT
[72] CREMONINI, MAURIZIO, IT
[71] COMAU S.P.A., IT
[22] 2017-12-18
[41] 2018-06-23
[30] IT (102016000130715) 2016-12-23

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[21] **2,988,248**
[13] A1
[51] **Int.Cl. F16B 1/00 (2006.01) A63B 43/00 (2006.01) F16G 11/14 (2006.01)**
[25] EN
[54] **BUNGEE BALL DEVICE AND METHOD OF USE**
[54] **DISPOSITIF DE BALLE A ELASTIQUE ET METHODE D'UTILISATION**
[72] DERSHEM, JEFFREY L., US
[71] DERSHEM, JEFFREY L., US
[71] DERSHEM, DEBORAH L., US
[22] 2017-12-11
[41] 2018-06-22
[30] US (15/387,921) 2016-12-22

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[21] **2,988,282**
[13] A1
[51] **Int.Cl. H04M 3/523 (2006.01) G10L 17/26 (2013.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CUSTOMER SENTIMENT PREDICTION AND DEPICTION**
[54] **SYSTEMES ET METHODES DE PREDICTION ET DESCRIPTION DE SENTIMENT DU CLIENT**
[72] FANG, XU BENJAMIN, US
[72] WONG, LEWIS, US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2017-12-08
[41] 2018-06-22
[30] US (62/437,714) 2016-12-22

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[21] **2,988,333**
[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01) E21B 47/007 (2012.01) E21B 47/00 (2012.01) E21B 47/06 (2012.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR OPERATING GAS LIFT WELLS**
[54] **APPAREIL ET METHODES D'EXPLOITATION DE PUITS PAR GAZ DE SUSTENSION**
[72] MOFFETT, ROSS, US
[72] RAKHIT, ASHISH, US
[72] LONG, STEPHEN, US
[72] JUENKE, MICHAEL S., US
[72] CANNON, STEPHEN E., US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[22] 2017-12-08
[41] 2018-06-22
[30] US (15/388,276) 2016-12-22

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[21] **2,988,390**
[13] A1
[51] **Int.Cl. C07F 7/18 (2006.01) A61K 47/54 (2017.01) C09D 7/63 (2018.01) C09D 5/16 (2006.01)**
[25] EN
[54] **COMPOUNDS BASED ON ADDUCTS WITH ISOCYANATES FOR COATING COMPOSITIONS**
[54] **COMPOSES FONDES SUR DES AJOUTS COMPORTANT DES ISOCYANATES DESTINES A DES COMPOSITIONS DE REVETEMENT**
[72] HALLACK, MARKUS, DE
[72] SCHIEMANN, YVONNE, DE
[71] EVONIK DEGUSSA GMBH, DE
[22] 2017-12-12
[41] 2018-06-22
[30] EP (16206306.9) 2016-12-22

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[21] **2,988,412**
[13] A1
[51] **Int.Cl. A61L 29/12 (2006.01) A61M 25/00 (2006.01) B32B 1/08 (2006.01) B32B 7/04 (2006.01)**
[25] EN
[54] **LAYERED TUBE FOR IMPROVED KINK RESISTANCE**
[54] **TUBE EN COUCHES DESTINE A AMELIORER LA RESISTANCE AU TORTILLEMENT**
[72] BEECKLER, CHRISTOPHER THOMAS, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-12-11
[41] 2018-06-21
[30] US (15/386,461) 2016-12-21

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[21] **2,988,429**
[13] A1
[51] **Int.Cl. A61B 5/042 (2006.01) A61B 5/06 (2006.01) A61B 18/14 (2006.01) A61M 25/00 (2006.01) H01R 24/00 (2011.01)**
[25] EN
[54] **TWO-PIECE CATHETER HANDLE**
[54] **POIGNEE DE CATHETER A DEUX PIECES**
[72] KHUDISH, OLEG, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-12-11
[41] 2018-06-20
[30] US (62/436,748) 2016-12-20
[30] US (15/790,696) 2017-10-23

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[21] **2,988,459**
[13] A1
[51] **Int.Cl. G02C 7/04 (2006.01) B41J 2/435 (2006.01) G02F 1/133 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR BIOMEDICAL DEVICES WITH CUSTOMIZED APPERANCE**
[54] **METHODES ET APPAREIL DESTINES A DES DISPOSITIFS MEDICAUX A APPARENCE PERSONNALISEE**
[72] FLITSCH, FREDERICK A., US
[72] PUGH, RANDALL B., US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[22] 2017-12-11
[41] 2018-06-21
[30] US (15/386,467) 2016-12-21

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[21] **2,988,470**
[13] A1
[51] **Int.Cl. A61B 18/14 (2006.01) A61B 34/10 (2016.01) A61B 5/01 (2006.01)**
[25] EN
[54] **ESTIMATING A TEMPERATURE DURING ABLATION**
[54] **ESTIMATION DE LA TEMPERATURE PENDANT L'ABLATION**
[72] GOVARI, ASSAF, IL
[72] ALTMANN, ANDRES CLAUDIO, IL
[72] PRESSMAN, ASSAF, IL
[72] BERMAN, DROR, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-12-11
[41] 2018-06-20
[30] US (15/385,231) 2016-12-20

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[21] **2,988,475**
[13] A1
[51] **Int.Cl. B21B 1/08 (2006.01) B21B 27/02 (2006.01) B21J 5/00 (2006.01)**
[25] EN
[54] **MANUFACTURING METHOD OF THICKNESS-VARIED METAL PLATE, MANUFACTURING METHOD OF PRESSED PART, AND PROCESSING MACHINE**
[54] **METHODE DE FABRICATION DE PLAQUE METALLIQUE A EPAISSEUR VARIEE, METHODE DE FABRICATION DE PIECE PRESSEE ET MACHINE DE TRAITEMENT**
[72] IHARA, TOMOAKI, JP
[72] YAMAZAKI, SATOSHI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2017-12-12
[41] 2018-06-19
[30] JP (2016-246051) 2016-12-19

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[21] **2,988,549**
[13] A1
[51] **Int.Cl. A61B 34/00 (2016.01) A61B 34/10 (2016.01) A61B 18/14 (2006.01) A61B 5/042 (2006.01)**
[25] EN
[54] **PULMONARY VEIN DISPLAY IN TWO DIMENSIONS**
[54] **AFFICHAGE DE VEINE PULMONAIRE EN DEUX DIMENSIONS**
[72] KATZ, NATAN SHARON, IL
[72] ZAR, LIOR, IL
[72] COHEN, B[illegible]MIN, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-12-11
[41] 2018-06-22
[30] US (15/388,029) 2016-12-22

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[21] **2,988,554**
[13] A1
[51] **Int.Cl. E04F 15/18 (2006.01) E01C 3/06 (2006.01) E04B 1/80 (2006.01) E04D 13/16 (2006.01) E04F 13/075 (2006.01)**
[25] EN
[54] **INSULATION TILE AND METHOD FOR ITS MANUFACTURE**
[54] **TUILE ISOLANTE ET METHODE DE FABRICATION DE LADITE TUILE**
[72] NIEMINEN, HENRI, FI
[71] FINNFOAM OY, FI
[22] 2017-12-08
[41] 2018-06-20
[30] FI (20165992) 2016-12-20

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[21] **2,988,689**
[13] A1
[51] **Int.Cl. F24S 20/30 (2018.01) F24S 60/00 (2018.01) A47J 27/00 (2006.01)**
[25] EN
[54] **MULTI-FUNCTION SOLAR COOKING UNIT AND APPLIANCE**
[54] **MODULE DE CUISSON A ENERGIE SOLAIRE MULTIFONCTION ET APPAREIL**
[72] LIN, HUAZI, CA
[72] LIN, YUANHAO, CA
[71] LIN, HUAZI, CA
[71] LIN, YUANHAO, CA
[22] 2017-12-12
[41] 2018-06-21
[30] CA (2,652,462) 2016-12-21

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[21] **2,988,750**
[13] A1
[51] **Int.Cl. F16L 35/00 (2006.01) F17C 13/02 (2006.01) F17C 1/00 (2006.01)**
[25] EN
[54] **A HOSE FOR CONNECTION TO A GAS CYLINDER**
[54] **UN TUYAU SERVANT AU RACCORDEMENT A UNE BOUTEILLE DE GAZ**
[72] HILTON, DERRICK ERNEST, GB
[72] JACKSON, CHRISTOPHER MARK, GB
[72] KANDZIORA, CHRISTINE, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
[22] 2017-12-13
[41] 2018-06-22
[30] GB (1621978.4) 2016-12-22

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[21] **2,988,838**
[13] A1
[51] **Int.Cl. B60P 1/54 (2006.01) B60P 1/64 (2006.01)**
[25] EN
[54] **ROLL-OFF FRAME HAVING ADJUSTABLE HEAD AND TAIL PORTIONS ACTUATED BY SINGLE ACTUATION STROKE**
[54] **STRUCTURE BASCULANTE COMPORTANT DES PORTIONS DE TETE ET DE QUEUE AJUSTABLES ACTIONNEES PAR UN SEUL COUP D'ACTIONNEMENT**
[72] MARMUR, LAZAR, US
[72] BAILEY, KENNETH E., JR., US
[72] DAVIS, WAYNE HARRY, US
[71] OMAHA STANDARD, LLC, US
[22] 2017-12-14
[41] 2018-06-19
[30] US (15/383541) 2016-12-19

[21] **2,988,877**
[13] A1
[51] **Int.Cl. B05B 1/18 (2006.01)**
[25] EN
[54] **SHOWER JET OUTLET DEVICE AND SHOWER DEVICE EQUIPPED THEREWITH**
[54] **DISPOSITIF DE SORTIE DE JET DE DOUCHE ET DISPOSITIF DE DOUCHE EQUIPE DUDIT DISPOSITIF**
[72] BUTZKE, KLAUS, DE
[72] ERATH, STEFFEN, DE
[72] GLUNK, GUNTER, DE
[72] KALMBACH, MARC, DE
[71] HANSGROHE SE, DE
[22] 2017-12-14
[41] 2018-06-22
[30] DE (10 2016 225 987.3) 2016-12-22

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[21] **2,988,898**
[13] A1
[51] **Int.Cl. C09C 1/62 (2006.01)**
[25] EN
[54] **PARTICLES HAVING A VAPOR DEPOSITED COLORANT**
[54] **PARTICULES COMPORTANT UN COLORANT DEPOSE PAR VAPEUR**
[72] ARGOITIA, ALBERTO, US
[72] MEREDITH, LARRY, US
[72] THORAVAL, CAROLE, US
[72] RAKSHA, VLADIMIR, US
[71] VIAVI SOLUTIONS INC., US
[22] 2017-12-12
[41] 2018-06-21
[30] US (62/437,362) 2016-12-21

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[21] **2,988,904**
[13] A1
[51] **Int.Cl. B32B 7/02 (2006.01) C09C 1/62 (2006.01)**
[25] EN
[54] **HYBRID COLORED METALLIC PIGMENT**
[54] **PIGMENT METALLIQUE COLORE HYBRIDE**
[72] RAKSHA, VLADIMIR, US
[72] GARCIA, JOE, US
[72] KOHLMANN, PAUL, US
[72] ARGOITIA, ALBERTO, US
[72] THORAVAL, CAROLE, US
[72] OBERTI, ROBERT, US
[71] VIAVI SOLUTIONS INC., US
[22] 2017-12-12
[41] 2018-06-21
[30] US (62/437,357) 2016-12-21

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[21] **2,988,929**
[13] A1
[51] **Int.Cl. F16L 37/02 (2006.01) F16L 21/02 (2006.01) F16L 37/04 (2006.01) F16L 41/02 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD AND APPARATUS FOR EXPANSION COUPLING FOR PIPES**
[54] **SYSTEME, METHODE ET APPAREIL DE RALLONGE DE RACCORD DE TUYAUX**
[72] YASHIN, DMITRY, US
[71] WESTLAKE CHEMICAL CORPORATION, US
[22] 2017-12-13
[41] 2018-06-22
[30] US (62/438,456) 2016-12-22

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[21] **2,988,942**
[13] A1
[51] **Int.Cl. B65H 49/32 (2006.01) B62B 3/04 (2006.01) B65H 75/40 (2006.01) B65H 75/44 (2006.01)**
[25] EN
[54] **DEVICES FOR LIFTING, MANEUVERING, WINDING AND UNWINDING REELS**
[54] **APPAREILS DE LEVAGE, MANOEUVRE, ENROULEMENT ET DEROULEMENT DE TAMBOURS**
[72] GRABOWSKI, RUSSELL PAUL, US
[72] NIU, XIAOKAI, US
[71] SONOCO DEVELOPMENT, INC., US
[22] 2017-12-13
[41] 2018-06-20
[30] US (15/384,449) 2016-12-20

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[21] **2,989,007**
[13] A1
[51] **Int.Cl. G16H 30/00 (2018.01) A61B 34/20 (2016.01) A61B 5/042 (2006.01) A61B 5/044 (2006.01) A61B 18/14 (2006.01) G06T 17/00 (2006.01)**
[25] EN
[54] **INTERACTIVE ANATOMICAL MAPPING AND ESTIMATION OF ANATOMICAL MAPPING QUALITY**
[54] **CARTOGRAPHIE ANATOMIQUE INTERACTIVE ET ESTIMATION DE LA QUALITE DE CARTOGRAPHIE ANATOMIQUE**
[72] ZOABI, AKRAM, IL
[72] MASSARWI, FADY, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-12-14
[41] 2018-06-22
[30] US (15/387,986) 2016-12-22

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[21] **2,989,026**
[13] A1
[51] **Int.Cl. A63B 67/00 (2006.01) A63B 63/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR BAG THROWING GAME**
[54] **METHODE ET APPAREIL DE JEU DE LANCER DE POCHE**
[72] RIVARD, MICHAEL, US
[71] RIVARD, MICHAEL, US
[22] 2017-12-15
[41] 2018-06-17
[30] US (62/435,763) 2016-12-17
[30] US (29/610,922) 2017-07-17

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[21] **2,989,037**
[13] A1
[51] **Int.Cl. F16B 13/06 (2006.01) F16B 13/10 (2006.01)**
[25] EN
[54] **HOLLOW WALL ANCHOR**
[54] **ANCRAGE MURAL CREUX**
[72] GRICE, BYRON K., US
[72] MAYVILLE, WAYNE R., US
[72] SCHMIDT, MICHAEL J., US
[72] SHOENHAIR, JORDAN D., US
[72] SCHORR, GARY J., US
[71] THE HILLMAN GROUP, INC., US
[22] 2017-12-15
[41] 2018-06-22
[30] US (62/438,082) 2016-12-22
[30] US (62/511,406) 2017-05-26

[21] **2,989,046**
[13] A1
[51] **Int.Cl. G02C 7/02 (2006.01) G02C 7/04 (2006.01) H03K 17/955 (2006.01)**
[25] EN
[54] **CAPACITIVE SENSING CIRCUITS AND METHODS FOR DETERMINING EYELID POSITION USING THE SAME**
[54] **CIRCUITS CAPTEURS CAPACITIFS ET METHODES DE DETERMINATION DE LA POSITION DE LA PAUPIERE AU MOYEN DESDITS CIRCUITS**
[72] BARROWS, COREY KENNETH, US
[72] BUSH, JOHN MICHAEL, US
[72] HOGGARTH, STEVEN PHILIP, US
[72] TONER, ADAM, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[22] 2017-12-14
[41] 2018-06-21
[30] US (15/386,021) 2016-12-21

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[21] **2,989,066**
[13] A1
[51] **Int.Cl. E01D 19/16 (2006.01) A62C 2/06 (2006.01) E04B 1/94 (2006.01) F16L 5/04 (2006.01)**
[25] EN
[54] **FIRE PROTECTION DEVICE FOR A STRUCTURAL CABLE**
[54] **DISPOSITIF DE PROTECTION INCENDIE DESTINE A UN CABLE STRUCTUREL**
[72] FABRY, NICOLAS, FR
[72] GUICHETEAU, ROMAIN, FR
[71] SOLETANCHE FREYSSINET, FR
[22] 2017-12-13
[41] 2018-06-19
[30] EP (16306729.1) 2016-12-19

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[21] **2,989,068**
[13] A1
[51] **Int.Cl. B65D 17/28 (2006.01) B65D 5/02 (2006.01) B65D 5/16 (2006.01) B65D 85/67 (2006.01)**
[25] EN
[54] **CONTAINER**
[54] **RECIPIENT**
[72] BADER, SCOTT DOUGLAS, US
[71] BADER, SCOTT DOUGLAS, US
[22] 2017-12-14
[41] 2018-06-20
[30] US (62/436,878) 2016-12-20
[30] US (15/840,362) 2017-12-13

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[21] **2,989,072**
[13] A1
[51] **Int.Cl. F15B 15/20 (2006.01) F15B 15/14 (2006.01)**
[25] EN
[54] **CENTRE SEEKING ACTUATOR**
[54] **ACTIONNEUR RECHERCHANT LE CENTRE**
[72] SIMONNEAUX, YANN, GB
[71] SAFRAN LANDING SYSTEMS UK LIMITED, GB
[22] 2017-12-13
[41] 2018-06-19
[30] EP (16205169.2) 2016-12-19

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[21] **2,989,081**
[13] A1
[51] **Int.Cl. H02B 1/56 (2006.01)**
[25] EN
[54] **THERMALLY CONDUCTIVE RING ASSEMBLIES SUITABLE FOR LOAD CENTERS**
[54] **ASSEMBLAGES D'ANNEAUX CONDUCTEURS THERMIQUES CONVENANT AUX CENTRES DE CHARGE**
[72] MALONEY, JAMES GERARD, US
[71] EATON CORPORATION, US
[22] 2017-12-15
[41] 2018-06-19
[30] US (62/436261) 2016-12-19
[30] US (15/724355) 2017-10-04

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[21] **2,989,112**
[13] A1
[51] **Int.Cl. H02B 1/03 (2006.01)**
[25] EN
[54] **LOCKING DEVICE FOR METER COVER**
[54] **DISPOSITIF DE VERROUILLAGE DE COUVRE-COMPTEUR**
[72] ANDIC, MILORAD, CA
[71] EATON CORPORATION, US
[22] 2017-12-18
[41] 2018-06-20
[30] US (15/384407) 2016-12-20

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[21] **2,989,113**
[13] A1
[51] **Int.Cl. H02J 7/00 (2006.01) B60L 11/18 (2006.01) B60S 5/00 (2006.01)**
[25] EN
[54] **PILOT SIGNAL DETECTION AND INDICATION UNIT AND ELECTRIC VEHICLE CHARGING SYSTEM INCLUDING THE SAME**
[54] **MODULE DE DETECTION ET INDICATION DE SIGNAL PILOTE ET SYSTEME DE RECHARGE DE VEHICULE COMPORTANT LEDIT MODULE**
[72] YANG, ANDREW, CN
[72] XIONG, TOM, CN
[72] ZHANG, JERRY, CN
[72] DU, LILY, CN
[72] ZHANG, HARRY, CN
[71] EATON CORPORATION, US
[22] 2017-12-18
[41] 2018-06-20
[30] US (15/384510) 2016-12-20

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[21] **2,989,125**
[13] A1
[51] **Int.Cl. G01M 7/02 (2006.01)**
[25] EN
[54] **PLANT MODULE WITH SENSORS ARRANGEMENT**
[54] **MODULE D'USINE DOTE DE CONFIGURATION DE CAPTEURS**
[72] GIANCOTTI, MARCO, IT
[72] BIONDI, ROBERTO, IT
[72] NTIBARIKURE, LAURENT, IT
[72] MAZZARELLO, STEFANO, IT
[72] FATTORI, STEFANO, IT
[71] NUOVO PIGNONE TECNOLOGIE SRL, IT
[22] 2017-12-18
[41] 2018-06-22
[30] IT (102016000130230) 2016-12-22

[21] **2,989,137**
[13] A1
[51] **Int.Cl. H02J 7/00 (2006.01) B60L 11/18 (2006.01) B60R 16/02 (2006.01) B60S 5/00 (2006.01)**
[25] EN
[54] **ISOLATED HIGH PRECISION PILOT VOLTAGE GENERATING CIRCUIT AND ELECTRIC VEHICLE SUPPLY EQUIPMENT INCLUDING THE SAME**
[54] **CIRCUIT DE PRODUCTION DE TENSION PILOTE HAUTE PRECISION ISOLE ET EQUIPEMENT D'ALIMENTATION DE VEHICULE ELECTRIQUE COMPORTANT LEDIT CIRCUIT**
[72] YANG, ANDREW, CN
[72] XIONG, TOM, CN
[72] ZHONG, KEVIN, CN
[72] ZHUANG, ALEX, CN
[72] CHEN, MARTIN, CN
[71] EATON CORPORATION, US
[22] 2017-12-18
[41] 2018-06-20
[30] US (15/384553) 2016-12-20

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[21] **2,989,142**
[13] A1
[51] **Int.Cl. C08J 3/05 (2006.01) C09D 7/61 (2018.01) C08K 3/22 (2006.01) C08L 57/04 (2006.01) C09D 157/04 (2006.01)**
[25] EN
[54] **LATEX FUNCTIONALIZED WITH STRUCTURAL UNITS OF AN ARGININE FUNCTIONALIZED MONOMER**
[54] **LATEX FONCTIONNALISE AU MOYEN D'UNITES STRUCTURELLES D'UN MONOMERE FONCTIONNALISE A L'ARGININE**
[72] BOHLING, JAMES C., US
[72] BROWNELL, ARNOLD S., US
[72] SATHIOSATHAM, MUHUNTHAN, US
[71] ROHM AND HAAS COMPANY, US
[22] 2017-12-18
[41] 2018-06-20
[30] US (62/436575) 2016-12-20

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[21] **2,989,179**
[13] A1
[51] **Int.Cl. H02B 1/04 (2006.01) H01H 71/00 (2006.01) H01R 13/713 (2006.01)**
[25] EN
[54] **ELECTRICAL SYSTEM AND SWITCHING ASSEMBLY THEREFOR**
[54] **SYSTEME ELECTRIQUE ET ENSEMBLE D'INTERRUPTEUR ASSOCIE**
[72] DRUEKE, CHRISTOPHER EMMONS, US
[72] SEFF, PAUL, US
[71] EATON CORPORATION, US
[22] 2017-12-18
[41] 2018-06-20
[30] US (15/384629) 2016-12-20

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[21] **2,989,201**
[13] A1
[51] **Int.Cl. B01D 46/52 (2006.01)**
[25] EN
[54] **A FILTER FRAME ASSEMBLY**
[54] **UN ASSEMBLAGE DE CADRE DE FILTRE**
[72] DRISS, MOHAMED ZIED, US
[72] GORMAN, JOSEPH JOHN, US
[72] THORNBURG, DONALD DEAN, JR., US
[71] CAMFIL USA, INC., US
[22] 2017-12-18
[41] 2018-06-22
[30] US (15/389,008) 2016-12-22

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[21] **2,989,205**
[13] A1
[51] **Int.Cl. H04W 76/10 (2018.01) H04W 48/10 (2009.01) H04B 17/327 (2015.01) H04B 17/382 (2015.01)**
[25] EN
[54] **COMMUNICATION METHOD AND SYSTEM**
[54] **METHODE ET SYSTEME DE COMMUNICATION**
[72] MULTEDO, GILBERT, FR
[72] LAMY-BERGOT, CATHERINE, FR
[72] ROGIER, JEAN-LUC, FR
[71] THALES, FR
[22] 2017-12-18
[41] 2018-06-19
[30] FR (1601800) 2016-12-19

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[21] **2,989,229**
[13] A1
[51] **Int.Cl. B65G 47/82 (2006.01) B65G 15/00 (2006.01) B65G 23/22 (2006.01)**
[25] EN
[54] **DRIVE SYSTEM FOR PADDLE BELT CONVEYOR**
[54] **SYSTEME D'ENTRAINEMENT DESTINE A UN TRANSPORTEUR A COURROIE SEGMENTEE**
[72] JOHNSON, ZACHARY, CA
[72] KLASSEN, RONALD, CA
[71] AG GROWTH INTERNATIONAL INC., CA
[22] 2017-12-18
[41] 2018-06-19
[30] US (62/436,170) 2016-12-19

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[21] **2,989,238**
[13] A1
[51] **Int.Cl. F21S 4/00 (2016.01) F21S 4/20 (2016.01) F21S 10/02 (2006.01) F21V 23/06 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **LED LIGHT STRING HAVING COLORFUL LIGHT BEADS**
[54] **CORDON D'ECLAIRAGE DEL COMPORTANT DES PERLES DE LUMIERE COLOREES**
[72] ZHAO, QING EN, CN
[71] SHANDONG NEON KING ELECTRONICS CO., LTD., CN
[22] 2017-12-18
[41] 2018-06-20
[30] CN (201621400939.8) 2016-12-20
[30] CN (201621400228.0) 2016-12-20
[30] CN (201621400941.5) 2016-12-20
[30] US (15/843,820) 2017-12-15

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[21] **2,989,240**
[13] A1
[51] **Int.Cl. G01W 1/11 (2006.01) G01W 1/08 (2006.01)**
[25] EN
[54] **METHOD IN CONNECTION WITH A RADIOSONDE AND SYSTEM**
[54] **METHODE DE CONNEXION D'UNE SONDE RADIO ET D'UN SYSTEME**
[72] HILTUNEN, EERO, FI
[72] STORMBOM, LARS, FI
[72] SURVO, PETTERI, FI
[72] LEPPANEN, JUKKA, FI
[71] VAISALA OYJ, FI
[22] 2017-12-18
[41] 2018-06-22
[30] FI (20166011) 2016-12-22

[21] **2,989,346**
[13] A1
[51] **Int.Cl. H05K 1/16 (2006.01) G01V 3/08 (2006.01) H01F 5/00 (2006.01) H05K 3/00 (2006.01) A61B 34/20 (2016.01) A61B 5/042 (2006.01) A61B 5/06 (2006.01)**
[25] EN
[54] **TRIPLE AXIS SENSOR ON A SINGLE LAYER PRINTED CIRCUIT**
[54] **CAPTEUR D'AXE TRIPLE SUR UN CIRCUIT IMPRIME MONOCOUCHE**
[72] GOVARI, ASSAF, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-12-15
[41] 2018-06-23
[30] US (15/390,388) 2016-12-23

---

[21] **2,989,351**
[13] A1
[51] **Int.Cl. E06B 7/32 (2006.01) E06B 7/28 (2006.01)**
[25] EN
[54] **PET DOOR HAVING INSULATING FLAP**
[54] **PORTE DESTINEE A UN ANIMAL DE COMPAGNIE COMPORTANT UN VOLET ISOLANT**
[72] MAININI, CHRISTOPHER E., US
[72] GROH, WILLIAM S., US
[71] RADIO SYSTEMS CORPORATION, US
[22] 2017-12-15
[41] 2018-06-20
[30] US (15/834,963) 2017-12-07
[30] US (62/436,907) 2016-12-20

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[21] **2,989,354**
[13] A1
[51] **Int.Cl. G02C 7/06 (2006.01) G02C 7/04 (2006.01)**
[25] EN
[54] **HIGH PLUS CENTER TREATMENT ZONE LENS DESIGN AND METHOD FOR PREVENTING AND/OR SLOWING MYOPIA PROGRESSION**
[54] **CONCEPT DE LENTILLE A ZONE DE TRAITEMENT CENTRALE A DEGRE ELEVE ET METHODE DE PREVENTION OU RALENTISSEMENT DE LA PROGRESSION DE LA MYOPIE**
[72] BRENNAN, NOEL A., US
[72] CHENG, XU, US
[72] COLLINS, MICHAEL J., US
[72] DAVIS, BRETT A., US
[72] HERNANDEZ, JACLYN, US
[72] WOOLEY, C. BENJAMIN, US
[72] YI, FAN, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[22] 2017-12-15
[41] 2018-06-19
[30] US (15/383,414) 2016-12-19

---

[21] **2,989,460**
[13] A1
[51] **Int.Cl. F03D 13/20 (2016.01) F03D 13/10 (2016.01)**
[25] EN
[54] **STEEL TOWER FOR A WIND TURBINE AND A METHOD FOR PRODUCING THE TOWER**
[54] **TOUR EN ACIER DESTINEE A UNE EOLIENNE ET UNE METHODE DE PRODUCTION DE LA TOUR**
[72] TURK, IBRAHIM, DE
[71] NORDEX ENERGY GMBH, DE
[22] 2017-12-19
[41] 2018-06-22
[30] EP (16206088.3) 2016-12-22

---

[21] **2,989,466**
[13] A1
[51] **Int.Cl. A23B 7/153 (2006.01) A23L 19/00 (2016.01) A23B 7/154 (2006.01) A23B 7/157 (2006.01)**
[25] EN
[54] **METHOD FOR PRESERVING FRESH PRODUCE, SOLID COMPOSITION FOR APPLICATION IN A METHOD FOR PRESERVING FRESH PRODUCE AND PRESERVED FRESH PRODUCE**
[54] **METHODE DE CONSERVATION DE PRODUITS FRAIS, COMPOSITION SOLIDE DESTINEE A L'APPLICATION DANS UNE METHODE DE CONSERVATION DE PRODUITS FRAIS ET PRODUIT FRAIS CONSERVE**
[72] SINGH, BENJAMIN AMIT, DE
[71] SINGH, BENJAMIN AMIT, DE
[22] 2017-12-19
[41] 2018-06-21
[30] EP (16205983.6) 2016-12-21

---

[21] **2,989,473**
[13] A1
[51] **Int.Cl. G06Q 10/10 (2012.01) H04N 21/854 (2011.01) H04L 12/16 (2006.01)**
[25] EN
[54] **PROGRESSIVE CONTENT DEVELOPMENT AND MANAGEMENT PLATFORM AND ASSOCIATED METHODS**
[54] **PLATEFORME DE DEVELOPPEMENT ET GESTION DE CONTENU PROGRESSIVE ET METHODES ASSOCIEES**
[72] AL SABAWI, KHALED, CA
[71] AL SABAWI, KHALED, CA
[22] 2017-12-19
[41] 2018-06-22
[30] US (15/388,967) 2016-12-22

---

[21] **2,989,477**
[13] A1
[51] **Int.Cl. B03B 9/02 (2006.01)**
[25] EN
[54] **IN PIT EXTRACTION PLANT**
[54] **INSTALLATION D'EXTRACTION DANS LA FOSSE**
[72] WALLWORK, VINCE, CA
[72] NAJAFI, AREF, CA
[72] GARNER, NICK, CA
[72] PAINE, RANDY, CA
[72] SCRIMSHAW, RICH, CA
[72] MACKENZIE, KENNETH, CA
[72] MARIES, VICTOR, CA
[72] GAUNT, ANDREW, CA
[71] CANADIAN NATURAL RESOURCES LIMITED, CA
[22] 2017-12-19
[41] 2018-06-22
[30] US (62/438,424) 2016-12-22

---

[21] **2,989,482**
[13] A1
[51] **Int.Cl. H01Q 1/38 (2006.01) E21B 47/13 (2012.01) H01Q 7/00 (2006.01) H01Q 7/08 (2006.01) H01Q 9/27 (2006.01)**
[25] EN
[54] **ANTENNA FOR DOWNHOLE COMMUNICATION**
[54] **ANTENNE DESTINEE A LA COMMUNICATION EN FOND DE TROU**
[72] CLARKSON, HUGH, GB
[71] WEATHERFORD U.K. LIMITED, GB
[22] 2017-12-19
[41] 2018-06-23
[30] GB (1622186.3) 2016-12-23

---

[21] **2,989,486**
[13] A1
[51] **Int.Cl. H01L 31/02 (2006.01) H04N 13/207 (2018.01) H01L 31/0203 (2014.01) H04N 5/335 (2011.01)**
[25] EN
[54] **3D IMAGING OPTOELECTRONIC MODULE**
[54] **MODULE OPTOELECTRONIQUE D'IMAGERIE 3D**
[72] GAMBART, DIDIER, FR
[71] 3D PLUS, FR
[22] 2017-12-19
[41] 2018-06-20
[30] FR (1662823) 2016-12-20

---

[21] **2,989,494**
[13] A1
[51] **Int.Cl. H02B 1/56 (2006.01)**
[25] EN
[54] **THERMALLY CONDUCTIVE ASSEMBLIES WITH WEDGE BLOCKS FOR CONTACT HEAT CONDUCTION SUITABLE FOR ELECTRICAL DEVICES SUCH AS LOAD CENTERS**
[54] **ASSEMBLAGES CONDUCTEURS THERMIQUES DOTES DE BLOCS DE COIN DESTINES A UN CONTACT DE CONDUCTION THERMIQUE CONVENANT A DES DISPOSITIFS ELECTRIQUES COMME DES CENTRES DE CHARGE**
[72] MALONEY, JAMES GERARD, US
[72] GEHLBACK, JAMES LEE, US
[71] EATON CORPORATION, US
[22] 2017-12-19
[41] 2018-06-22
[30] US (62/437844) 2016-12-22
[30] US (15/724349) 2017-10-04

---

[21] **2,989,497**
[13] A1
[51] **Int.Cl. C12Q 1/6809 (2018.01) C12Q 1/6886 (2018.01) A61B 5/00 (2006.01) A61B 17/00 (2006.01) A61K 31/337 (2006.01) G01N 33/48 (2006.01) A61B 1/307 (2006.01) A61K 31/407 (2006.01) A61K 31/675 (2006.01) A61K 31/704 (2006.01) A61K 31/7068 (2006.01)**
[25] EN
[54] **METHODS FOR DIAGNOSIS OF BLADDER CANCER**
[54] **METHODES DE DIAGNOSTIC DE CANCER DE LA VESSIE**
[72] LIAO, JOSEPH C., US
[72] MACH, KATHLEEN E., US
[72] SIN, LAI YI, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[22] 2017-12-18
[41] 2018-06-18
[30] US (62/435,803) 2016-12-18

---

[21] **2,989,501**
[13] A1
[51] **Int.Cl. G01N 19/08 (2006.01)**
[25] EN
[54] **MAGNETO-MECHANICAL IMPEDANCE METHODS AND APPARATUS FOR CRACK DETECTION AND CHARACTERIZATION OF CONDUITS AND OTHER STRUCTURES**
[54] **METHODES D'IMPEDANCE MAGNETO-MECANIQUES ET APPAREIL DE DETECTION ET CARACTERISATION DE FISSURE DE CONDUITS ET AUTRES STRUCTURES**
[72] VIEAU, DEAN M., US
[72] GIRRELL, BRUCE L., US
[72] CHIRINOS, JOHANA M., US
[72] SPENCER, DOUGLAS W., US
[71] MICROLINE TECHNOLOGY CORPORATION, US
[22] 2017-12-19
[41] 2018-06-22
[30] US (62/438,048) 2016-12-22

---

[21] **2,989,543**
[13] A1
[51] **Int.Cl. G06K 19/02 (2006.01)**
[25] EN
[54] **TWO PIECE TRANSACTION CARD HAVING FABRIC INLAY**
[54] **CARTE DE TRANSACTION EN DEUX PORTIONS COMPORTANT UNE INSERTION EN TISSU**
[72] SUTHAR, OM J., US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2017-12-19
[41] 2018-06-20
[30] US (62/436809) 2016-12-20

[21] **2,989,546**
[13] A1
[51] **Int.Cl. B01D 46/00 (2006.01) A47L 5/38 (2006.01) A47L 9/10 (2006.01) A47L 9/22 (2006.01)**
[25] EN
[54] **ADAPTABLE VACUUM UNIT WITH ADJUSTABLE DEBRIS CAN EGRESS**
[54] **MODULE D'ASPIRATION ADAPTABLE DOTE D'UNE EVACUATION DE CONTENANT A DEBRIS AJUSTABLE**
[72] HARMAN, JAMES ROGER, US
[71] HARMAN, JAMES ROGER, US
[22] 2017-12-18
[41] 2018-06-18
[30] US (61/851,777) 2016-12-18
[30] US (62/563,628) 2017-09-26

---

[21] **2,989,563**
[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **ELECTRONIC CIGARETTE**
[54] **CIGARETTE ELECTRONIQUE**
[72] CHEN, WEN, CN
[71] SHENZHEN IVPS TECHNOLOGY CO., LTD., CN
[22] 2017-12-20
[41] 2018-06-20
[30] CN (201621402789.4) 2016-12-20

---

[21] **2,989,572**
[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **CHARGER FOR ELECTRONIC CIGARETTE**
[54] **CHARGEUR DE CIGARETTE ELECTRONIQUE**
[72] CHEN, WEN, CN
[71] SHENZHEN IVPS TECHNOLOGY CO., LTD., CN
[22] 2017-12-20
[41] 2018-06-20
[30] CN (201621402958.4) 2016-12-20

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[21] **2,989,574**
[13] A1
[51] **Int.Cl. A47K 1/14 (2006.01) E03C 1/23 (2006.01) F16K 31/46 (2006.01)**
[25] EN
[54] **POP-UP DRAIN ASSEMBLY, CONNECTOR DEVICE AND DRAIN STOPPER**
[54] **DISPOSITIF D'EVACUATION MECANIQUE, DISPOSITIF CONNECTEUR ET BOUCHON D'EVACUATION**
[72] AHUJA, SANJAY, US
[72] BECK, HAROLD KENT, US
[71] PF WATERWORKS LP, US
[22] 2017-12-18
[41] 2018-06-19
[30] US (62/436,024) 2016-12-19
[30] US (62/461,419) 2017-02-21
[30] US (62/474,058) 2017-03-20
[30] US (15/844131) 2017-12-15

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[21] **2,989,588**
[13] A1
[51] **Int.Cl. H04W 28/14 (2009.01) H04W 28/12 (2009.01) H04W 88/16 (2009.01) H04L 12/953 (2013.01) H04B 7/185 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR TRANSMITTING DATA IN A SATELLITE SYSTEM**
[54] **SYSTEME ET METHODE DE TRANSMISSION DE DONNEES DANS UN SYSTEME SATELLITE**
[72] BAUDOIN, CEDRIC, FR
[72] SALLANTIN, RENAUD, FR
[72] ARNAL, FABRICE, FR
[71] THALES, FR
[22] 2017-12-20
[41] 2018-06-20
[30] FR (1601806) 2016-12-20

---

[21] **2,989,592**
[13] A1
[51] **Int.Cl. B60R 3/02 (2006.01)**
[25] EN
[54] **STOWABLE STEP FOR VEHICLE ACCESS**
[54] **MARCHE ESCAMOTABLE D'ACCES AU VEHICULE**
[72] KNOX, HOWARD T., US
[71] ANCRA INTERNATIONAL LLC, US
[22] 2017-12-19
[41] 2018-06-22
[30] US (62/438,234) 2016-12-22

---

[21] **2,989,599**
[13] A1
[51] **Int.Cl. C12M 1/38 (2006.01) C12Q 1/6806 (2018.01) C12Q 1/6844 (2018.01) C12M 1/26 (2006.01) C12M 1/34 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **A METHOD OF DETECTION GENETIC MATERIAL IN A BIOLOGICAL SAMPLE AND A DEVICE FOR ITS IMPLEMENTATION**
[54] **UNE METHODE DE DETECTION DU MATERIEL GENETIQUE D'UN ECHANTILLON BIOLOGIQUE ET UN DISPOSITIF PERMETTANT SA MISE EN OEUVRE**
[72] TOKARSKI, MIRON, PL
[72] ROGUSZCZAK, HENYK WALDEMAR, PL
[72] DOBOSZ, TADEUSZ, PL
[72] GOLONKA, LESZEK, PL
[72] DABROWSKI, ARKADIUSZ, PL
[72] MALODOBRA-MAZUR, MALGORZATA, PL
[72] ANDRZEJEWSKI, DAMIAN, PL
[71] GENOMTEC S.A., PL
[22] 2017-12-20
[41] 2018-06-21
[30] PL (P.419 907) 2016-12-21

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[21] **2,989,604**
[13] A1
[51] **Int.Cl. F16K 31/06 (2006.01) F16K 11/044 (2006.01) F16K 27/02 (2006.01)**
[25] EN
[54] **VALVE WITH TWO-PIECE ADJUSTABLE CAN WITH INTEGRAL POLE PIECE**
[54] **VANNE DOTEE D'UN CONTENANT AJUSTABLE A DEUX PIECES DOTE D'UNE PIECE DE MONTANT INTEGRALE**
[72] JAMISON, MICHAEL, US
[71] MAC VALVES, INC., US
[22] 2017-12-20
[41] 2018-06-22
[30] US (62/437,796) 2016-12-22
[30] US (15/819,525) 2017-11-21

[21] **2,989,617**
[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01) G06F 15/18 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING DATA QUALITY MANAGEMENT**
[54] **SYSTEMES ET METHODES DE FOURNITURE DE GESTION DE LA QUALITE DES DONNEES**
[72] NATH, YATINDRA, US
[72] GARG, ANKUR, US
[72] TIWARI, RAJEEV, US
[72] VRAT, PRANAV, US
[72] MOHANTY, AMIT, US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2017-12-19
[41] 2018-06-19
[30] US (62/436,258) 2016-12-19

---

[21] **2,989,656**
[13] A1
[51] **Int.Cl. H02J 7/00 (2006.01) H02J 50/00 (2016.01) H05K 7/14 (2006.01)**
[25] EN
[54] **SUPPORT TRAY WITH DEVICE CHARGING**
[54] **PLATEAU DE SUPPORT OFFRANT LA RECHARGE DE DISPOSITIF**
[72] BYRNE, NORMAN R., US
[72] STATHIS, PETER, US
[71] BYRNE, NORMAN R., US
[22] 2017-12-19
[41] 2018-06-23
[30] US (62/438904) 2016-12-23

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[21] **2,989,657**
[13] A1
[51] **Int.Cl. H01Q 13/04 (2006.01) H01Q 1/28 (2006.01) H04B 7/185 (2006.01)**
[25] EN
[54] **ARCHITECTURE OF DEPLOYABLE FEED CLUSTER, COMPACT ANTENNA AND SATELLITE INCLUDING SUCH AN ARCHITECTURE**
[54] **ARCHITECTURE DE GROUPE D'ALIMENTATION DEPLOYABLE, ANTENNE COMPACTE ET SATELLITE COMPORTANT UNE TELLE ARCHITECTURE**
[72] FERRANDO, NICOLAS, FR
[72] BROSSIER, JEROME, FR
[72] LAFOND, JEAN-CHRISTOPHE, FR
[72] LORENZO, JEROME, FR
[71] THALES, FR
[22] 2017-12-20
[41] 2018-06-20
[30] FR (1601813) 2016-12-20

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[21] **2,989,674**
[13] A1
[51] **Int.Cl. E21B 43/18 (2006.01) E21B 43/12 (2006.01) E21B 47/06 (2012.01)**
[25] EN
[54] **GAS COMPRESSION SYSTEM FOR WELLBORE INJECTION, AND METHOD FOR OPTIMIZING INTERMITTENT GAS LIFT**
[54] **SYSTEME DE COMPRESSION DE GAZ DESTINE A UNE INJECTION DANS UN PUITS DE FORAGE, ET METHODE D'OPTIMISATION DE SOULEVEMENT DE GAZ INTERMITTENT**
[72] ELMER, WILLIAM G., US
[71] ENCLINE ARTIFICIAL LIFT TECHNOLOGIES LLC, US
[22] 2017-12-19
[41] 2018-06-20
[30] US (15/839,438) 2017-12-12
[30] US (62/436,608) 2016-12-20

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[21] **2,989,705**
[13] A1
[51] **Int.Cl. B61D 7/14 (2006.01)**
[25] EN
[54] **PRE-LOADED COMPRESSION STRUT**
[54] **MAT DE COMPRESSION PRECHARGE**
[72] HUCK, KENNETH W., US
[71] TRINITY INDUSTRIES, INC., US
[22] 2017-12-20
[41] 2018-06-22
[30] US (62/437,744) 2016-12-22

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[21] **2,989,713**
[13] A1
[51] **Int.Cl. E04B 1/62 (2006.01) E04B 1/84 (2006.01) E04B 1/94 (2006.01) E04F 19/00 (2006.01)**
[25] EN
[54] **FINISHING ACCESSORY WITH BACKING STRIP**
[54] **ACCESSOIRE DE PECHE DOTE D'UNE BANDE D'ENDOS**
[72] STAHL, GREGG A., US
[72] SHOEMAKER, ADAM J., US
[71] CLARKWESTERN DIETRICH BUILDING SYSTEMS LLC, US
[22] 2017-12-20
[41] 2018-06-20
[30] US (62/436,937) 2016-12-20
[30] US (62/509,400) 2017-05-22

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[21] **2,989,717**
[13] A1
[51] **Int.Cl. C08L 83/04 (2006.01) C08J 3/24 (2006.01) C08K 5/5465 (2006.01) C09K 3/30 (2006.01)**
[25] EN
[54] **AEROSOL SILICONE**
[54] **SILICONE EN AEROSOL**
[72] WEST, RICHARD A., US
[71] WEST, RICHARD A., US
[22] 2017-12-20
[41] 2018-06-20
[30] US (62/436,874) 2016-12-20
[30] US (62/465,873) 2017-03-02
[30] US (62/579,259) 2017-10-31

[21] **2,989,751**
[13] A1
[51] **Int.Cl. G09B 13/00 (2006.01) G06F 3/02 (2006.01)**
[25] EN
[54] **COMPUTING SYSTEM AND METHOD FOR EFFICIENT KEYBOARD DATA ENTRY**
[54] **SYSTEME INFORMATIQUE ET METHODE DE SAISIE EFFICACE D'ENTREE DE CLAVIER**
[72] MCINNIS, MATTHEW W., CA
[71] TYPIST INC., CA
[22] 2017-12-21
[41] 2018-06-23
[30] US (62/438807) 2016-12-23

[21] **2,989,754**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ANALYZING PATRON SATISFACTION DATA**
[54] **SYSTEME ET METHODE D'ANALYSE DE DONNEES DE SATISFACTION D'USAGER**
[72] BROUSSEAU, LUC, CA
[72] WATIER, CHRISTIAN, CA
[71] 9120-6094 QUEBEC INC., CA
[22] 2017-12-21
[41] 2018-06-21
[30] US (62/437408) 2016-12-21

[21] **2,989,756**
[13] A1
[51] **Int.Cl. E02F 9/00 (2006.01)**
[25] EN
[54] **EQUALIZER WITH LUBRICATION**
[54] **EGALISEUR DOTE DE LUBRIFICATION**
[72] GROSS, MATTHEW L., US
[71] HARNISCHFEGER TECHNOLOGIES, INC., US
[22] 2017-12-21
[41] 2018-06-22
[30] US (62/437,952) 2016-12-22

[21] **2,989,835**
[13] A1
[51] **Int.Cl. H01F 41/02 (2006.01) H01F 7/122 (2006.01) H02K 15/03 (2006.01)**
[25] EN
[54] **DUMMY PLATE AND METHOD FOR MANUFACTURING ARMATURE**
[54] **FAUSSE PLAQUE ET METHODE DE FABRICATION D'ARMATURE**
[72] MYOJIN, IWAO, JP
[71] MITSUI HIGH-TEC, INC., JP
[22] 2017-12-21
[41] 2018-06-22
[30] JP (2016-248777) 2016-12-22

[21] **2,989,843**
[13] A1
[51] **Int.Cl. G06F 3/14 (2006.01) H04W 12/06 (2009.01) H04W 4/021 (2018.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR GENERATING HYPERMEDIA-BASED GRAPHICAL USER INTERFACES FOR MOBILE DEVICES**
[54] **SYSTEMES ET METHODES SERVANT A GENERER DES INTERFACES UTILISATEUR GRAPHIQUES HYPERMEDIA SUR DES APPAREILS MOBILES**
[72] MELVIN, SHAWN M., US
[72] SPECTOR, JASON A., US
[71] MELVIN, SHAWN M., US
[71] SPECTOR, JASON A., US
[22] 2017-12-22
[41] 2018-06-23
[30] US (62/438,748) 2016-12-23

[21] **2,989,844**
[13] A1
[51] **Int.Cl. F16L 21/03 (2006.01) F16K 15/14 (2006.01) F16L 17/02 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD AND APPARATUS FOR SEAL MARKER**
[54] **SYSTEME, METHODE ET APPAREIL DE MARQUAGE DE JOINT**
[72] DEAN, ROY L., US
[71] NORTH AMERICAN PIPE CORPORATION, US
[22] 2017-12-21
[41] 2018-06-22
[30] US (62/437,735) 2016-12-22
[30] US (15/823,829) 2017-11-28

[21] **2,989,847**
[13] A1
[51] **Int.Cl. C10M 159/24 (2006.01) C01F 5/00 (2006.01)**
[25] EN
[54] **MAGNESIUM SULFONATE SYNTHESIS**
[54] **SYNTHESE DE SULFONATE DE MAGNESIUM**
[72] SKINNER, PHILIP, GB
[72] PHILLIPS, DANIEL, GB
[72] MARSH, ADAM PAUL, GB
[72] WILKINSON, THOMAS DANIEL, GB
[71] INFINEUM INTERNATIONAL LIMITED, GB
[22] 2017-12-22
[41] 2018-06-22
[30] EP (16206440.6) 2016-12-22

[21] **2,989,850**
[13] A1
[51] **Int.Cl. H04R 1/32 (2006.01) H04N 21/80 (2011.01) G08B 13/196 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AUDIO DETECTION USING AUDIO BEAMS**
[54] **SYSTEMES ET METHODES DE DETECTION AUDIO AU MOYEN DE FAISCEAUX AUDIO**
[72] KNIGHT, LAURA ELIZABETH, US
[72] BUNKER, PHILIP ALAN, US
[71] NORTEK SECURITY & CONTROL LLC, US
[22] 2017-12-21
[41] 2018-06-21
[30] US (15/387,298) 2016-12-21

[21] **2,989,851**
[13] A1
[51] **Int.Cl. G06Q 40/08 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR OPTIMIZING THE SELECTION OF PERMANENT LIFE INSURANCE POLICIES FOR USE IN LEVERAGE LIFE INSURANCE STRUCTURES**
[54] **SYSTEME ET METHODE D'OPTIMISATION DE LA SELECTION DE POLICES D'ASSURANCE VIE PERMANENTES DESTINES A EXPLOITER LES STRUCTURES D'ASSURANCE VIE**
[72] CLARK, RODNEY, CA
[71] YGEN CAPITAL INC., CA
[22] 2017-12-22
[41] 2018-06-23
[30] US (62/438,718) 2016-12-23

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[21] **2,989,855**
[13] A1
[51] **Int.Cl. H01Q 19/17 (2006.01) H01P 3/00 (2006.01) H01Q 1/12 (2006.01) H01Q 21/06 (2006.01) H01Q 21/29 (2006.01)**
[25] EN
[54] **MECHANICAL ARCHITECTURE OF A BEAM FORMER FOR SINGLE-REFLECTOR MFPB ANTENNA WITH FEED SHARING IN TWO DIMENSIONS OF SPACE AND METHOD FOR PRODUCING THE BEAM FORMER**
[54] **ARCHITECTURE MECANIQUE D'UN APPAREIL DE FORMATION DE FAISCEAU DESTINE A UNE ANTENNE MFPB A SIMPLE REFLECTEUR A PARTAGE D'ALIMENTATION EN DEUX DIMENSIONS D'ESPACE ET METHODE DE FORMATION DE FAISCEAU**
[72] BOSSHARD, PIERRE, FR
[72] LEBRUN, FLORENT, FR
[72] JOCHEM, HELENE, FR
[71] THALES, FR
[22] 2017-12-21
[41] 2018-06-22
[30] FR (1601834) 2016-12-22

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[21] **2,989,865**
[13] A1
[51] **Int.Cl. G02B 27/01 (2006.01) G02C 5/12 (2006.01) G02C 9/00 (2006.01)**
[25] EN
[54] **AUXILIARY DEVICE FOR HEAD-MOUNTED DISPLAYS**
[54] **DISPOSITIF AUXILIAIRE DESTINE A DES AFFICHEURS INSTALLES SUR LA TETE**
[72] GUPTA, AMITABHA, CA
[71] GUPTA, AMITABHA, CA
[22] 2017-12-22
[41] 2018-06-23
[30] US (15/389,672) 2016-12-23

---

[21] **2,989,866**
[13] A1
[51] **Int.Cl. E04F 15/04 (2006.01) E04F 15/02 (2006.01)**
[25] EN
[54] **MOBILE PATIO**
[54] **TERRASSE MOBILE**
[72] RASO, MICHAEL, CA
[72] RULLO, CARLO, CA
[72] VALERIO, SAVERIO, CA
[71] RASO, MICHAEL, CA
[71] RULLO, CARLO, CA
[71] VALERIO, SAVERIO, CA
[22] 2017-12-22
[41] 2018-06-22
[30] US (62/437936) 2016-12-22

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[21] **2,989,868**
[13] A1
[51] **Int.Cl. C06B 45/08 (2006.01) C06B 45/04 (2006.01) C06B 45/06 (2006.01) C09K 8/62 (2006.01) E21B 43/25 (2006.01)**
[25] EN
[54] **HIGH TEMPERATURE ENERGETIC FORMULATIONS**
[54] **FORMULATIONS ENERGETIQUES HAUTE TEMPERATURE**
[72] HOLDER, KENT, US
[72] AVILUCEA, GABRIEL, US
[72] LEONARD, PHILIP, US
[71] SUPERIOR ENERGY SERVICES, LLC, US
[71] LOS ALAMOS NATIONAL SECURITY, LLC, US
[22] 2017-12-22
[41] 2018-06-23
[30] US (62/438,910) 2016-12-23

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[21] **2,989,872**
[13] A1
[51] **Int.Cl. F16B 7/14 (2006.01) B64C 13/30 (2006.01) F16C 7/06 (2006.01) F16C 29/10 (2006.01) F16H 21/06 (2006.01)**
[25] EN
[54] **AN ACTUATOR**
[54] **UN ACTIONNEUR**
[72] LEGRAND, BENJAMIN, FR
[72] DE LA CHEVASNERIE, ARNAUD, FR
[71] GOODRICH ACTUATION SYSTEMS SAS, FR
[22] 2017-12-20
[41] 2018-06-22
[30] EP (16306782.0) 2016-12-22

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[21] **2,989,874**
[13] A1
[51] **Int.Cl. E04F 13/21 (2006.01) E04F 13/24 (2006.01)**
[25] EN
[54] **HANGER FOR PRECAST CLADDING PANELS AND PRECAST PANEL INCORPORATING SAME**
[54] **SUPPORT DE PANNEAUX DE REVETEMENT PRECOULES ET PANNEAU DE REVETEMENT PRECOULE INCORPORANT LEDIT SUPPORT**
[72] KUELKER, PETER, CA
[71] KUELKER, PETER, CA
[22] 2017-12-21
[41] 2018-06-21
[30] US (62/437,346) 2016-12-21

---

[21] **2,989,899**
[13] A1
[51] **Int.Cl. B65D 43/22 (2006.01) B65D 43/10 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONTAINERS WITH LOCKING LUG AND RECESS**
[54] **SYSTEMES ET METHODES DESTINES A DES CONTENANTS COMPORTANT DES ERGOTS ET DES CREUX DE VERROUILLAGE**
[72] PHAN, WEE, US
[72] GOMOLL, JAMES, US
[72] THOMAS, TOBY, US
[71] REYNOLDS CONSUMER PRODUCTS LLC, US
[22] 2017-12-21
[41] 2018-06-21
[30] US (62/437,649) 2016-12-21

[21] **2,989,901**
[13] A1
[51] **Int.Cl. F16B 13/04 (2006.01)**
[25] EN
[54] **CONNECTING APPARATUS AND BOLT ASSEMBLY**
[54] **ENSEMBLE D'APPAREIL DE CONNEXION ET DE BOULON**
[72] CHEN, YONGBO, CN
[72] HUANG, WEI, CN
[72] ZHANG, ZHIHAI, CN
[72] YANG, JIE, CN
[72] HE, WEITING, CN
[71] WINBO-DONGJIAN AUTOMOTIVE TECHNOLOGY CO., LTD., CN
[22] 2017-12-22
[41] 2018-06-22
[30] CN (CN201611198754-8) 2016-12-22

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[21] **2,989,938**
[13] A1
[51] **Int.Cl. F03D 13/20 (2016.01) F03D 13/10 (2016.01)**
[25] EN
[54] **STEEL TOWER FOR A WIND TURBINE AND A METHOD FOR PRODUCING THE TOWER**
[54] **TOUR EN ACIER DESTINEE A UNE EOLIENNE ET UNE METHODE DE PRODUCTION DE LA TOUR**
[72] TURK, IBRAHIM, DE
[71] NORDEX ENERGY GMBH, DE
[22] 2017-12-21
[41] 2018-06-22
[30] EP (16206090.9) 2016-12-22

---

[21] **2,990,095**
[13] A1
[51] **Int.Cl. E06B 5/20 (2006.01) E06B 3/70 (2006.01)**
[25] EN
[54] **DOOR COMPRISING VERMICULITE-CONTAINING CORE, AND METHOD OF MAKING THE SAME**
[54] **PORTE COMPORTANT UN NOYAU RENFERMANT DE LA VERMICULITE, ET METHODE DE FABRICATION ASSOCIEE**
[72] WANG, SHIRLEY, US
[72] GARRETT, JARED ANDREW, US
[72] JOHNSON, SCOTT EVERT, US
[72] LIN, SUNGTSE, US
[71] PLASTPRO 2000, INC., US
[22] 2017-12-22
[41] 2018-06-23
[30] US (62/438720) 2016-12-23

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[21] **2,990,108**
[13] A1
[51] **Int.Cl. G07G 1/12 (2006.01) G07D 13/00 (2006.01)**
[25] EN
[54] **DENOMINATION DISTRIBUTION AND REALLOCATION SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES DE DISTRIBUTION ET REATTRIBUTION DE DENOMINATION**
[72] JOHNSON, CHRISTOPHER M., US
[71] WAL-MART STORES, INC., US
[22] 2017-12-21
[41] 2018-06-23
[30] US (62/438,568) 2016-12-23

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[21] **2,990,118**
[13] A1
[51] **Int.Cl. B66F 9/075 (2006.01) B66F 9/07 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETERMINING A RACK INTERFACE FOR A MATERIAL HANDLING VEHICLE**
[54] **SYSTEMES ET METHODES DE DETERMINATION D'UNE INTERFACE DE SUPPORT DESTINEE A UN VEHICULE DE MANIPULATION DE MATERIAU**
[72] YAHNER, JOSEPH T., US
[71] THE RAYMOND CORPORATION, US
[22] 2017-12-22
[41] 2018-06-23
[30] US (62/438,816) 2016-12-23

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[21] **2,990,126**
[13] A1
[51] **Int.Cl. E04B 1/343 (2006.01) E04G 21/14 (2006.01) E04H 1/12 (2006.01)**
[25] EN
[54] **PORTABLE MODULAR SYSTEM FOR STRUCTURAL ASSEMBLIES**
[54] **SYSTEME MODULAIRE PORTATIF DESTINE A DES ASSEMBLAGES STRUCTURELS**
[72] KROHMER, DIETER, CA
[71] KROHMER, DIETER, CA
[22] 2017-12-22
[41] 2018-06-23
[30] US (62/438,854) 2016-12-23

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[21] **2,990,228**
[13] A1
[51] **Int.Cl. F25C 5/12 (2006.01) A01N 1/02 (2006.01) A61B 17/00 (2006.01)**
[25] EN
[54] **STERILIZED SLUSH MAKER AND METHOD OF SAME**
[54] **APPAREIL DE FABRICATION DE GLACE CONCASSEE STERILISEE ET METHODE ASSOCIEE**
[72] SUTLIFF, JEFFREY LYNN, US
[71] SUTLIFF INNOVATIVE SOLUTIONS, LLC, US
[22] 2017-12-22
[41] 2018-06-22
[30] US (62/438,104) 2016-12-22
[30] US (15/852,173) 2017-12-22

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[21] **2,996,355**
[13] A1
[51] **Int.Cl. E06B 9/326 (2006.01) A47H 3/10 (2006.01) E06B 9/36 (2006.01)**
[25] EN
[54] **TENSIONER AND SAFETY ENCLOSURE FOR WINDOW BLIND LOOP DRIVE**
[54] **DISPOSITIF TENDEUR ET BOITIER DE SECURITE DESTINE A UN ENTRAINEMENT A BOUCLE DE STORE DE FENETRE**
[72] MAROCCO, NORBERT, CA
[71] MAXXMAR INC., CA
[22] 2018-02-23
[41] 2018-06-18

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[21] **3,000,150**
[13] A1
[51] **Int.Cl. G09B 23/28 (2006.01) G09B 9/00 (2006.01)**
[25] EN
[54] **MEDICAL SIMULATOR INTEGRATING ALL-OPTICAL DETECTION**
[54] **SIMULATEUR MEDICAL INTEGRANT LA DETECTION ENTIEREMENT OPTIQUE**
[72] DRISCOLL, CHRISTOPHER, CA
[72] VILLENEUVE, PHILIPPE, CA
[72] FLAMAND, JEAN-SEBASTIEN, CA
[72] MALLACI, GIUSEPPE, CA
[71] CAE HEALTHCARE CANADA INC., CA
[22] 2018-03-29
[41] 2018-06-21

PCT Applications Entering the National Phase

Demandes PCT entrant en phase nationale

[21] **2,988,432**
[13] A1
[51] **Int.Cl. A61K 31/4748 (2006.01) A61K 31/192 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **COMBINATION COMPOSITION COMPRISING HUPERZINE**
[54] **COMPOSITION ASSOCIEE COMPRENANT DE L'HUPERZINE**
[72] CALLIZOT, NOELLE, FR
[71] NEURO-SYS, FR
[85] 2017-12-06
[86] 2016-06-15 (PCT/EP2016/000997)
[87] (WO2016/202453)
[30] EP (15305930.8) 2015-06-15

[21] **2,994,908**
[13] A1
[51] **Int.Cl. B01F 15/00 (2006.01) A61J 3/00 (2006.01)**
[25] EN
[54] **INTERCHANGEABLE PHARMACEUTICAL FORMULATION PRODUCTION DEVICE LIFTING ARM, AND PHARMACEUTICAL FORMULATION PRODUCTION DEVICE FOR PRODUCING A PHARMACEUTICAL INDIVIDUAL PRODUCT**
[54] **BRAS DE LEVAGE INTERCHANGEABLE D'UN DISPOSITIF DE PREPARATION DE FORMULES PHARMACEUTIQUES ET DISPOSITIF DE PREPARATION DE FORMULES PHARMACEUTIQUES POUR LA PREPARATION D'UN PRODUIT PHARMACEUTIQUE INDIVIDUEL**
[72] KONIETZKO, MATTHIAS, DE
[71] GAKO INTERNATIONAL GMBH, DE
[85] 2018-02-06
[86] 2016-08-17 (PCT/EP2016/069506)
[87] (WO2017/029321)
[30] DE (10 2015 113 819.0) 2015-08-20

[21] **2,995,427**
[13] A1
[51] **Int.Cl. C22C 38/48 (2006.01) B60G 11/00 (2006.01) C21D 9/02 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01) C22C 38/42 (2006.01) C22C 38/44 (2006.01) C22C 38/46 (2006.01) F16F 1/02 (2006.01)**
[25] EN
[54] **HIGH STRENGTH SPRING, METHOD OF MANUFACTURING THE SAME, STEEL FOR HIGH STRENGTH SPRING, AND METHOD OF MANUFACTURING THE SAME**
[54] **RESSORT HAUTE RESISTANCE, METHODE DE FABRICATION ASSOCIEE, ACIER DESTINE A UN RESSORT HAUTE RESISTANCE ET METHODE DE FABRICATION ASSOCIEE**
[72] WATANABE, MOTOKI, JP
[72] MINOGUCHI, KOKI, JP
[72] OISHI, HIROYUKI, JP
[71] MITSUBISHI STEEL MFG. CO., LTD., JP
[85] 2018-05-15
[86] 2017-06-01 (PCT/JP2017/020501)
[87] (2995427)
[30] JP (2016-205535) 2016-10-19
[30] JP (2017-061981) 2017-03-27
[30] JP (2017-095054) 2017-05-11

[21] **3,003,843**
[13] A1
[51] **Int.Cl. H04N 21/462 (2011.01) H04N 21/475 (2011.01) H04N 21/482 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SORTING FAVORITE CONTENT SOURCES**
[54] **SYSTEMES ET METHODES DE TRIAGE DE SOURCES DE CONTENU FAVORITES**
[72] ROE, GLEN E., US
[72] MCCARTY, MICHAEL K., US
[71] ROVI GUIDES, INC., US
[85] 2018-05-03
[86] 2016-11-28 (PCT/US2016/063835)
[87] (3003843)

[21] **3,007,599**
[13] A1
[51] **Int.Cl. G01N 37/00 (2006.01) B82Y 10/00 (2011.01) G01N 27/00 (2006.01) G01N 27/327 (2006.01) G01N 27/414 (2006.01) G01N 33/53 (2006.01) G01N 33/543 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR SENSING BY MODIFIED NANOSTRUCTURE**
[54] **PROCEDE ET SYSTEME DE DETECTION PAR NANOSTRUCTURE MODIFIEE**
[72] PATOLSKY, FERNANDO, IL
[72] KRIVITSKY, VADIM, IL
[72] ZVERZHINETSKY, MARINA, IL
[71] RAMOT AT TEL-AVIV UNIVERSITY LTD., IL
[85] 2018-06-06
[86] 2016-12-08 (PCT/IL2016/051319)
[87] (WO2017/098517)
[30] US (62/264,913) 2015-12-09
[30] US (62/264,944) 2015-12-09

[21] **3,007,625**
[13] A1
[51] **Int.Cl. A47C 4/28 (2006.01) A47B 3/00 (2006.01) A47B 43/00 (2006.01)**
[25] EN
[54] **FOLDING FURNITURE**
[54] **MEUBLE PLIANT**
[72] BANKS, JESSICA, US
[71] ROCKPAPERROBOT, INC., US
[85] 2018-06-06
[86] 2016-05-16 (PCT/US2016/032793)
[87] (WO2016/187162)
[30] US (62/162,733) 2015-05-16

[21] **3,007,671**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) C07K 16/28 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **ANTIBODY MOLECULES TO PD-1 AND USES THEREOF**
[54] **MOLECULES D'ANTICORPS ANTI-PD-1 ET LEURS UTILISATIONS**
[72] BILIC, SANELA, US
[72] HOWARD, DANNY ROLAND, JR., US
[72] CAMERON, JOHN SCOTT, US
[72] DRANOFF, GLENN, US
[71] NOVARTIS AG, CH
[85] 2018-06-06
[86] 2016-12-16 (PCT/US2016/067200)
[87] (WO2017/106656)
[30] US (62/269,044) 2015-12-17
[30] US (62/331,371) 2016-05-03
[30] US (62/344,784) 2016-06-02
[30] US (62/347,331) 2016-06-08
[30] US (62/359,781) 2016-07-08
[30] US (62/381,384) 2016-08-30
[30] US (62/400,787) 2016-09-28
[30] US (62/414,128) 2016-10-28
[30] US (62/431,846) 2016-12-09

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[21] **3,007,675**
[13] A1
[51] **Int.Cl. A61B 5/0478 (2006.01) A61B 5/00 (2006.01) A61B 5/0402 (2006.01) A61B 5/0476 (2006.01) A61B 5/0488 (2006.01) A61B 5/0496 (2006.01)**
[25] EN
[54] **HEADSET FOR BIO-SIGNALS ACQUISITION**
[54] **CASQUE POUR ACQUISITION DE BIO-SIGNAUX**
[72] ATTAL, YOHAN, FR
[72] DUMAS, THIBAUD, FR
[71] MYBRAIN TECHNOLOGIES, FR
[85] 2018-06-07
[86] 2015-12-08 (PCT/EP2015/079034)
[87] (WO2016/091911)
[30] EP (14196835.4) 2014-12-08
[30] US (14/563,049) 2014-12-08

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[21] **3,007,691**
[13] A1
[51] **Int.Cl. G01N 33/24 (2006.01) G01N 27/26 (2006.01)**
[25] EN
[54] **SOIL ANALYSIS METHOD**
[54] **PROCEDE D'ANALYSE DE SOL**
[72] SCOTT, EDWARD DUNDAS, AU
[72] EYRES, MICHAEL, AU
[71] INJEKTA ENVIRONMENTAL PTY LTD, AU
[85] 2018-06-07
[86] 2016-12-12 (PCT/AU2016/000396)
[87] (WO2017/096418)
[30] AU (2015905128) 2015-12-11

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[21] **3,007,722**
[13] A1
[51] **Int.Cl. F25B 43/00 (2006.01) F24F 11/30 (2018.01) F24F 13/00 (2006.01) F25B 30/02 (2006.01) F25B 49/02 (2006.01)**
[25] EN
[54] **AIR CONDITIONING SYSTEM, COMPRESSION SYSTEM WITH GAS SECONDARY INJECTION AND JUDGMENT AND CONTROL METHOD THEREOF**
[54] **SYSTEME A COMPRESSION DOTE D'UNE COMPENSATION D'AIR INTERMEDIAIRE, SYSTEME DE CONDITIONNEMENT D'AIR, ET PROCEDE DE DETERMINATION ET DE COMMANDE CORRESPONDANT**
[72] ZHAO, HUAN, CN
[72] TAN, FENG, CN
[72] LI, PENGFEI, CN
[72] LIANG, YOUXUAN, CN
[71] GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI, CN
[85] 2018-06-07
[86] 2016-09-12 (PCT/CN2016/098676)
[87] (WO2017/096992)
[30] CN (201510916651.X) 2015-12-10

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[21] **3,007,749**
[13] A1
[51] **Int.Cl. C12N 1/12 (2006.01) C12P 7/64 (2006.01)**
[25] FR
[54] **METHOD FOR ENRICHING PROTISTS WITH LIPIDS RICH IN POLYUNSATURATED FATTY ACIDS, MORE PARTICULARLY OF THE OMEGA 3 CLASS, AND IMPLEMENTATION OF SAME FOR THE PRODUCTION OF SAID LIPIDS**
[54] **PROCEDE D'ENRICHISSEMENT DE PROTISTES EN LIPIDES RICHES EN ACIDES GRAS POLYINSATURES, EN PARTICULIER DE CLASSE OMEGA 3, ET SA MISE EN OEUVRE POUR LA PRODUCTION DE CES PROTISTES ENRICHIS OU DE CES LIPIDES**
[72] ROMARI, KHADIDJA, FR
[71] METABOLIUM, FR
[85] 2018-06-07
[86] 2016-12-13 (PCT/FR2016/053359)
[87] (WO2017/103421)
[30] FR (1562310) 2015-12-14

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[21] **3,007,757**
[13] A1
[51] **Int.Cl. A63G 1/12 (2006.01)**
[25] EN
[54] **ROTATING CLIMBING UNIT**
[54] **UNITE D'ESCALADE ROTATIVE**
[72] KELLER, THOMAS L., US
[71] LANDSCAPE STRUCTURES INC., US
[85] 2018-06-07
[86] 2016-11-23 (PCT/US2016/063541)
[87] (WO2017/100005)
[30] US (62/265,559) 2015-12-10
[30] US (15/359,794) 2016-11-23

[21] **3,007,761**
[13] A1
[51] **Int.Cl. A23L 25/00 (2016.01) A23N 12/06 (2006.01) A23N 12/08 (2006.01)**
[25] EN
[54] **METHOD FOR BRINING NUTS**
[54] **PROCEDE DE SAUMURAGE DE FRUITS A COQUES ET SIMILAIRES**
[72] PALONCY, MARIANNE, US
[72] PLATT, MICHAEL, US
[72] OTTENHEIMER, CAROLYN, US
[72] BECHTEL, BRUCE, US
[71] S-L SNACKS NATIONAL, LLC, US
[85] 2018-06-07
[86] 2016-11-23 (PCT/US2016/063628)
[87] (WO2017/100007)
[30] US (14/966,354) 2015-12-11

[21] **3,007,762**
[13] A1
[51] **Int.Cl. C08J 9/14 (2006.01) B32B 5/20 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING ISOCYANATE-BASED FOAM CONSTRUCTION BOARDS**
[54] **PROCEDE DE FABRICATION DE PANNEAUX DE CONSTRUCTION EN MOUSSE A BASE D'ISOCYANATE**
[72] LETTS, JOHN, US
[72] YAO, CHUNHUA, US
[72] HUBBARD, MICHAEL, US
[71] FIRESTONE BUILDING PRODUCTS CO., LLC, US
[85] 2018-06-07
[86] 2016-12-03 (PCT/US2016/064867)
[87] (WO2017/100104)
[30] US (62/264,387) 2015-12-08
[30] US (62/290,054) 2016-02-02
[30] US (62/336,610) 2016-05-14
[30] US (62/336,608) 2016-05-14
[30] US (62/336,605) 2016-05-14
[30] US (62/340,267) 2016-05-23

[21] **3,007,763**
[13] A1
[51] **Int.Cl. H04N 21/81 (2011.01) H04N 21/234 (2011.01) H04N 21/43 (2011.01) H04N 21/433 (2011.01) H04N 21/8547 (2011.01)**
[25] EN
[54] **ADDRESSABLE ADVERTISING INSERTION FOR PLAYOUT DELAY**
[54] **INSERTION DE PUBLICITE ADRESSABLE POUR UN RETARD DE LECTURE**
[72] GRANT, JOHN, US
[71] ECHOSTAR TECHNOLOGIES L.L.C., US
[85] 2018-06-07
[86] 2016-12-05 (PCT/US2016/064960)
[87] (WO2017/100128)
[30] US (14/962,362) 2015-12-08

[21] **3,007,765**
[13] A1
[51] **Int.Cl. A63G 25/00 (2006.01) A63G 7/00 (2006.01) A63G 31/16 (2006.01) A63G 33/00 (2006.01)**
[25] EN
[54] **MULTI-PASSENGER RIDE VEHICLE**
[54] **VEHICULE DE MANEGE MULTI-PASSAGERS**
[72] OSTERMAN, ROSS ALAN, US
[72] SCHWARTZ, JUSTIN MICHAEL, US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2018-06-07
[86] 2016-12-13 (PCT/US2016/066350)
[87] (WO2017/106172)
[30] US (14/970,132) 2015-12-15

[21] **3,007,766**
[13] A1
[51] **Int.Cl. D21J 3/10 (2006.01) D21J 7/00 (2006.01)**
[25] EN
[54] **AN APPARATUS FOR FORMING MOULDED FIBRE URINAL BOTTLES**
[54] **APPAREIL DE FORMATION DE BOUTEILLES D'URINOIR EN FIBRES MOULEES**
[72] KHAN, JALALUDDIN, GB
[71] PULP TECH CO., LIMITED, CN
[85] 2018-06-07
[86] 2015-12-08 (PCT/GB2015/053763)
[87] (WO2016/092296)
[30] GB (1421798.8) 2014-12-08

[21] **3,007,770**
[13] A1
[51] **Int.Cl. C08L 23/06 (2006.01) G02B 6/44 (2006.01) H01B 3/44 (2006.01)**
[25] EN
[54] **HIGH MODULUS OLEFIN COMPOUNDS FOR FIBER OPTIC CABLE BUFFER TUBES**
[54] **COMPOSES OLEFINIQUES DE MODULE ELEVE POUR TUBES AMORTISSEURS DE CABLE A FIBRE OPTIQUE**
[72] SEVEN, KARL M., US
[72] ESSEGHIR, MOHAMED, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-06-07
[86] 2016-12-06 (PCT/US2016/065109)
[87] (WO2017/100175)
[30] US (62/265,735) 2015-12-10

[21] **3,007,772**
[13] A1
[51] **Int.Cl. A61K 38/12 (2006.01) A61M 5/30 (2006.01) A61P 7/00 (2006.01) A61P 37/02 (2006.01)**
[25] EN
[54] **MODULATORS OF COMPLEMENT ACTIVITY**
[54] **MODULATEURS DE L'ACTIVITE DU COMPLEMENT**
[72] DEMARCO, STEVEN JAMES, US
[72] HOARTY, MICHELLE DENISE, US
[72] PARKER, GRACE VICTORIA, US
[72] RICARDO, ALONSO, US
[72] TOBE, SYLVIA, US
[72] TRECO, DOUGLAS A., US
[71] RA PHARMACEUTICALS, INC., US
[85] 2018-06-07
[86] 2016-12-07 (PCT/US2016/065228)
[87] (WO2017/105939)
[30] US (62/268,360) 2015-12-16
[30] US (62/331,320) 2016-05-03
[30] US (62/347,486) 2016-06-08

[21] **3,007,777**
[13] A1
[51] **Int.Cl. H02J 3/38 (2006.01) H02J 3/40 (2006.01)**
[25] EN
[54] **ELECTRICAL SYSTEMS AND METHODS FOR ISLANDING TRANSITIONS**
[54] **SYSTEMES ELECTRIQUES ET PROCEDES POUR PERMETTANT LE PASSAGE EN MODE ILOTE**
[72] PORTER, DAVID GLENN, US
[71] S&C ELECTRIC COMPANY, US
[85] 2018-06-07
[86] 2016-12-16 (PCT/US2016/067215)
[87] (WO2017/106670)
[30] US (62/269,404) 2015-12-18
[30] US (15/380,278) 2016-12-15

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[21] **3,007,780**
[13] A1
[51] **Int.Cl. C07C 409/26 (2006.01) D21C 3/04 (2006.01) D21C 9/10 (2006.01) D21C 9/147 (2006.01) D21C 9/16 (2006.01)**
[25] EN
[54] **METHODS OF PULP FIBER TREATMENT**
[54] **PROCEDES DE TRAITEMENT DE FIBRES DE PATE A PAPIER**
[72] BUSCHMANN, WAYNE E., US
[72] WATERS, DAMON C., US
[71] CLEAN CHEMISTRY, INC., US
[85] 2018-06-07
[86] 2016-12-07 (PCT/US2016/065345)
[87] (WO2017/100299)
[30] US (62/263,900) 2015-12-07

---

[21] **3,007,790**
[13] A1
[51] **Int.Cl. C08L 33/26 (2006.01) C08J 3/03 (2006.01) C08J 3/09 (2006.01) C09K 8/588 (2006.01) E21B 43/16 (2006.01)**
[25] EN
[54] **LIQUID POLYMER COMPOSITIONS**
[54] **COMPOSITIONS POLYMERES LIQUIDES**
[72] JACKSON, LOGAN, US
[72] LYNCH, THOMAS J., US
[72] ROBINSON, RONALD, US
[72] FOURNIER, FRANCES, US
[72] YANG, HONG, US
[72] AUJLA, SUKHJIT, US
[72] KIM, DO, HOON, US
[72] ALEXIS, DENNIS ARUN, US
[71] KEMIRA OYJ, FI
[85] 2018-06-07
[86] 2016-12-07 (PCT/US2016/065391)
[87] (WO2017/100327)
[30] US (62/264,701) 2015-12-08

---

[21] **3,007,793**
[13] A1
[51] **Int.Cl. C08F 20/56 (2006.01) C09K 8/26 (2006.01)**
[25] EN
[54] **INVERSE EMULSION COMPOSITIONS**
[54] **COMPOSITIONS D'EMULSION INVERSE**
[72] JACKSON, LOGAN, US
[72] LYNCH, THOMAS J., US
[72] ROBINSON, RONALD, US
[72] FOURNIER, FRANCES, US
[72] YANG, HONG, US
[72] AUJLA, SUKHJIT, US
[72] KIM, DO HOON, US
[72] ALEXIS, DENNIS ARUN, US
[71] KEMIRA OYJ, FI
[85] 2018-06-07
[86] 2016-12-07 (PCT/US2016/065394)
[87] (WO2017/100329)
[30] US (62/264,700) 2015-12-08

---

[21] **3,007,813**
[13] A1
[51] **Int.Cl. C08J 5/18 (2006.01) C11D 17/04 (2006.01)**
[25] EN
[54] **WATER SOLUBLE FILM FOR THERMOFORMING DEEP-DRAWN PROFILES AND THERMOFORMED ARTICLES COMPRISING SAME**
[54] **FILM HYDROSOLUBLE POUR LE THERMOFORMAGE DE PROFILS POUR THERMOFORMAGE DE PROFILS EMBOUTI ET ARTICLES THERMOFORMES COMPRENANT**
[72] CHILDERS, JENNIFER L., US
[72] LEE, DAVID M., US
[72] MIRANDA, NATHANAEL R., US
[71] MONOSOL, LLC, US
[85] 2018-06-07
[86] 2017-01-27 (PCT/US2017/015394)
[87] (WO2017/132540)
[30] US (62/289,179) 2016-01-29

---

[21] **3,007,881**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **ANALYTICAL PROCESS FOR GENOTOXICITY ASSESSMENT**
[54] **PROCEDE ANALYTIQUE D'EVALUATION DE GENOTOXICITE**
[72] ROTHE, MICHAEL, DE
[72] SCHAMBACH, AXEL, DE
[72] BAUM, CHRISTOPHER, DE
[72] MODLICH, UTE, DE
[72] SCHWARZER, ADRIAN, DE
[71] MEDIZINISCHE HOCHSCHULE HANNOVER, DE
[85] 2018-06-08
[86] 2016-12-16 (PCT/EP2016/081351)
[87] (WO2017/108598)
[30] EP (15202623.3) 2015-12-23
[30] EP (16185408.8) 2016-08-23

[21] **3,007,883**
[13] A1
[51] **Int.Cl. B65G 39/20 (2006.01) F16C 13/00 (2006.01) F16G 13/06 (2006.01)**
[25] EN
[54] **ROLLER, ROLLER DEVICE, LINK CHAIN, AND USE OF A LINK CHAIN AS A CONVEYING CHAIN**
[54] **ROULEAU DE ROULEMENT, MECANISME A ROULEAU DE ROULEMENT, CHAINE A MAILLONS ET UTILISATION D'UNE CHAINE A MAILLONS COMME CHAINE DE TRANSPORT**
[72] PADBERG, FRANK, DE
[72] HANEMANN, CHRISTIAN, DE
[71] KETTEN-WULF BETRIEBS-GMBH, DE
[85] 2018-06-08
[86] 2016-12-16 (PCT/EP2016/081543)
[87] (WO2017/103183)
[30] DE (10 2015 122 207.8) 2015-12-18

[21] **3,007,886**
[13] A1
[51] **Int.Cl. F16L 55/26 (2006.01) G01R 33/00 (2006.01)**
[25] EN
[54] **INSPECTING A LENGTH OF PIPE, AND INSPECTION PIG**
[54] **INSPECTION D'UNE LONGUEUR DE TUYAU, ET RACLEUR D'INSPECTION**
[72] VREENEGOOR, ALOYSIUS JOHANNES NICOLAAS, NL
[72] VARMA, RAJNEESH, US
[72] KHOSLA, VIPUL, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2018-06-08
[86] 2016-12-16 (PCT/EP2016/081550)
[87] (WO2017/103186)
[30] EP (15201397.5) 2015-12-18

[21] **3,007,895**
[13] A1
[51] **Int.Cl. G06F 19/28 (2011.01)**
[25] FR
[54] **ARCHITECTURE FOR ANALYZING GENOMIC DATA**
[54] **ARCHITECTURE POUR L'ANALYSE DE DONNEES GENOMIQUES**
[72] PHILIPPE, NICOLAS, FR
[72] BUWALDA, GUILLAUME, FR
[71] AXLR, SATT DU LANGUEDOC ROUSSILLON, FR
[71] UNIVERSITE DE MONTPELLIER, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR
[85] 2018-06-08
[86] 2016-12-16 (PCT/EP2016/081575)
[87] (WO2017/103202)
[30] FR (1562828) 2015-12-18

[21] **3,007,898**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) C07K 16/18 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **VARIABLE REGIONS FOR NKP46 BINDING PROTEINS**
[54] **REGIONS VARIABLES DE PROTEINES SE LIANT A NKP46**
[72] GAUTHIER, LAURENT, FR
[72] ANCERIZ, NADIA, FR
[72] MOREL, ARIANE, FR
[72] ROSSI, BENJAMIN, FR
[71] INNATE PHARMA, FR
[85] 2018-06-08
[86] 2016-12-20 (PCT/EP2016/081953)
[87] (WO2017/114694)
[30] US (62/271,474) 2015-12-28

[21] **3,007,903**
[13] A1
[51] **Int.Cl. C05F 7/00 (2006.01) C02F 1/52 (2006.01) C02F 9/00 (2006.01) C02F 1/56 (2006.01) C02F 3/12 (2006.01) C02F 11/04 (2006.01) C02F 11/12 (2006.01)**
[25] EN
[54] **RECOVERY OF PHOSPHORUS COMPOUNDS FROM WASTEWATER**
[54] **RECUPERATION DE COMPOSES PHOSPHORES A PARTIR D'EAUX USEES**
[72] GRONFORS, OUTI, FI
[72] KANGASLAHTI, HANNA-MARI, FI
[72] HANSEN, BENGT, FI
[72] HALTTUNEN, SAKARI, FI
[72] AZARNOUSH, FAZLOLLAH, FI
[71] KEMIRA OYJ, FI
[85] 2018-06-08
[86] 2016-12-21 (PCT/EP2016/082147)
[87] (WO2017/108930)
[30] FI (20155977) 2015-12-21

[21] **3,007,906**
[13] A1
[51] **Int.Cl. C01B 25/30 (2006.01) C01B 25/32 (2006.01) C02F 1/52 (2006.01) C05B 3/00 (2006.01) C05B 7/00 (2006.01) C05B 17/00 (2006.01) C05F 7/00 (2006.01) C02F 1/66 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING A PHOSPHORUS PRODUCT FROM WASTEWATER**
[54] **PROCEDE DE PRODUCTION D'UN PRODUIT DE PHOSPHORE A PARTIR D'EAUX USEES**
[72] AZARNOUSH, FAZLOLLAH, FI
[72] GRONFORS, OUTI, FI
[72] BARSTROM, ROGER, FI
[72] HANSEN, BENGT, FI
[72] LIKANDER, JOONAS, FI
[72] SUOMINEN, PETTERI, FI
[71] KEMIRA OYJ, FI
[85] 2018-06-08
[86] 2016-12-21 (PCT/EP2016/082152)
[87] (WO2017/108933)
[30] FI (20155979) 2015-12-21

[21] **3,007,911**
[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01) A61M 15/06 (2006.01) G01F 1/56 (2006.01)**
[25] EN
[54] **AEROSOL-GENERATING SYSTEM WITH PUFF DETECTOR**
[54] **SYSTEME DE PRODUCTION D'AEROSOL AVEC DETECTEUR DE BOUFFEE**
[72] COURBAT, JEROME CHRISTIAN, CH
[72] MIRONOV, OLEG, CH
[72] ZINOVIK, IHAR NIKOLAEVICH, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-06-08
[86] 2017-02-09 (PCT/EP2017/052921)
[87] (WO2017/137512)
[30] EP (16155568.5) 2016-02-12

[21] **3,007,915**
[13] A1
[51] **Int.Cl. G06F 19/00 (2018.01) G16H 10/00 (2018.01) A61M 1/02 (2006.01)**
[25] EN
[54] **DEVICE FOR BLOOD CONTAINER PROCESSING**
[54] **DISPOSITIF DESTINE AU TRAITEMENT DE CONTENANTS DE SANG**
[72] REMONDI, FABIO, IT
[71] FRESENIUS KABI DEUTSCHLAND GMBH, DE
[85] 2018-06-08
[86] 2017-02-27 (PCT/EP2017/054446)
[87] (WO2017/153191)
[30] EP (EP16159339.7) 2016-03-09

[21] **3,007,919**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01)**
[25] EN
[54] **METHODS OF PRODUCING ANTIBODY-RICH CANNABIS AND HONEYSUCKLE PLANTS**
[54] **PROCEDES DE PRODUCTION DE PLANTS DE CANNABIS ET DE CHEVREFEUILLE RICHES EN ANTICORPS**
[72] BARRAMEDA, SADIA "ROSS", US
[71] THC FARMACEUTICALS, INC., US
[85] 2018-06-08
[86] 2015-03-04 (PCT/US2015/018820)
[87] (WO2016/093874)
[30] US (14/564,672) 2014-12-09

[21] **3,007,925**
[13] A1
[51] **Int.Cl. B01J 10/00 (2006.01) B01J 4/00 (2006.01) B01J 19/24 (2006.01) B01J 19/30 (2006.01) C01B 17/16 (2006.01)**
[25] EN
[54] **HYDROGEN SULFIDE PRODUCTION PROCESS AND RELATED REACTOR VESSELS**
[54] **PROCEDE DE PRODUCTION DE SULFURE D'HYDROGENE ET CUVES DE REACTION ASSOCIEES**
[72] HASENBERG, DANIEL M., US
[72] PAUWELS, ALEX, BE
[72] MERTENS, IVES, BE
[71] HASENBERG, DANIEL M., US
[71] PAUWELS, ALEX, BE
[71] MERTENS, IVES, BE
[85] 2018-06-08
[86] 2015-12-10 (PCT/US2015/065071)
[87] (WO2017/099783)

[21] **3,007,929**
[13] A1
[51] **Int.Cl. C11D 17/00 (2006.01) C11D 1/38 (2006.01) C11D 3/37 (2006.01) C11D 7/32 (2006.01)**
[25] EN
[54] **FABRIC CONDITIONERS**
[54] **ASSOUPLISSANTS DE TISSU**
[72] VALDEPENA, ISRAEL HERNANDEZ, MX
[72] MALDONADO, RAUL, MX
[72] TOVAR, JAVIER, MX
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2018-06-08
[86] 2015-12-28 (PCT/US2015/067686)
[87] (WO2017/116397)

[21] **3,007,967**
[13] A1
[51] **Int.Cl. B01D 37/02 (2006.01) B01D 39/18 (2006.01)**
[25] EN
[54] **MODIFIED CELLULOSE FIBERS AND PREPARATION METHOD**
[54] **FIBRES DE CELLULOSE MODIFIEES ET PROCEDE DE PRODUCTION**
[72] KUNZ, THOMAS, DE
[72] BRANDT, NIKLAS OLE, DE
[72] METHNER, FRANK-JURGEN, DE
[71] TECHNISCHE UNIVERSITAT BERLIN, DE
[85] 2018-06-08
[86] 2016-12-07 (PCT/EP2016/080155)
[87] (WO2017/097864)
[30] DE (10 2015 121 383.4) 2015-12-08

[21] **3,007,969**
[13] A1
[51] **Int.Cl. A01N 25/22 (2006.01) A01N 25/02 (2006.01) A01N 43/653 (2006.01)**
[25] EN
[54] **LIQUID FORMULATIONS CONTAINING PROTHIOCONAZOLE**
[54] **FORMULATIONS LIQUIDES CONTENANT DU PROTHIOCONAZOLE**
[72] WEISS, MARTIN, DE
[72] STEINBECK, MARTIN, DE
[72] SCHULZ, FRIEDHELM, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
[85] 2018-06-08
[86] 2016-12-08 (PCT/EP2016/080215)
[87] (WO2017/097882)
[30] EP (15199491.0) 2015-12-11

[21] **3,007,971**
[13] A1
[51] **Int.Cl. F03D 7/02 (2006.01) F03D 7/04 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING A WIND TURBINE**
[54] **PROCEDE DE COMMANDE D'UNE EOLIENNE**
[72] DE BOER, WOLFGANG, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2018-06-08
[86] 2016-12-09 (PCT/EP2016/080366)
[87] (WO2017/102570)
[30] DE (10 2015 122 039.3) 2015-12-17

[21] **3,007,974**
[13] A1
[51] **Int.Cl. F24F 11/00 (2018.01)**
[25] EN
[54] **ADAPTIVE CONTROL FOR MOTOR FAN WITH MULTIPLE SPEED TAPS**
[54] **COMMANDE ADAPTATIVE POUR VENTILATEUR DE MOTEUR AVEC PLUSIEURS PRISES DE VITESSE**
[72] ARENSMEIER, JEFFREY N., US
[72] LAYTON, PAUL, US
[72] NIELSON, JACOB, US
[71] EMERSON ELECTRIC CO., US
[85] 2018-06-08
[86] 2016-12-09 (PCT/US2016/065949)
[87] (WO2017/100659)
[30] US (62/265,645) 2015-12-10

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[21] **3,008,018**
[13] A1
[51] **Int.Cl. C07D 471/16 (2006.01) A61K 31/5025 (2006.01) A61P 31/18 (2006.01)**
[25] EN
[54] **FUSED TRICYCLIC HETEROCYCLIC COMPOUNDS AS HIV INTEGRASE INHIBITORS**
[54] **COMPOSES HETEROCYCLIQUES TRICYCLIQUES CONDENSES A TITRE D'INHIBITEURS DE L'INTEGRASE DU VIH**
[72] YU, TAO, US
[72] WADDELL, SHERMAN T., US
[72] GRAHAM, THOMAS H., US
[72] ZHANG, YONGLIAN, US
[72] MCCAULEY, JOHN A., US
[72] STAMFORD, ANDREW W., US
[72] CAI, JIAQIANG, CN
[72] QI, ZHIQI, CN
[71] MERCK SHARP & DOHME CORP., US
[85] 2018-06-08
[86] 2016-12-22 (PCT/US2016/068173)
[87] (WO2017/116928)
[30] CN (PCT/CN2015/100106) 2015-12-31

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[21] **3,008,021**
[13] A1
[51] **Int.Cl. C22C 21/02 (2006.01) B22D 11/00 (2006.01)**
[25] EN
[54] **NEW 6XXX ALUMINUM ALLOYS, AND METHODS OF MAKING THE SAME**
[54] **NOUVEAUX ALLIAGES D'ALUMINIUM 6XXX ET LEURS PROCEDES DE FABRICATION**
[72] NEWMAN, JOHN M., US
[72] HOSCH, TIMOTHY A., US
[72] BUTLER, JOHN F., JR., US
[71] ARCONIC INC., US
[85] 2018-06-08
[86] 2016-12-30 (PCT/US2016/069495)
[87] (WO2017/120117)
[30] US (62/276,648) 2016-01-08

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[21] **3,008,022**
[13] A1
[51] **Int.Cl. A61M 16/12 (2006.01) A61M 16/10 (2006.01) A61M 16/20 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ADMINISTERING GASES INCLUDING NITRIC OXIDE**
[54] **PROCEDE ET APPAREIL D'ADMINISTRATION DE GAZ COMPRENANT DE L'OXYDE NITRIQUE**
[72] DASSE, KURT A., US
[72] PETIT, PRISCILLA C., US
[72] FINE, DAVID H., US
[72] WEDEL, MARK K., US
[71] VERO BIOTECH LLC, US
[85] 2018-06-08
[86] 2016-12-11 (PCT/US2016/066045)
[87] (WO2017/100729)
[30] US (62/266,466) 2015-12-11
[30] US (62/336,731) 2016-05-15

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[21] **3,008,023**
[13] A1
[51] **Int.Cl. C07D 239/16 (2006.01) A61K 31/44 (2006.01) C07D 233/28 (2006.01) C07D 239/02 (2006.01) C07D 239/14 (2006.01) C07D 401/12 (2006.01)**
[25] EN
[54] **META-AZACYCLIC AMINO BENZOIC ACID DERIVATIVES AS PAN INTEGRIN ANTAGONISTS**
[54] **DERIVES D'ACIDE AMINOBENZOIQUE META-AZACYCLIQUE A TITRE D'ANTAGONISTES DE PAN-INTEGRINE**
[72] RUMINSKI, PETER G., US
[72] GRIGGS, DAVID W., US
[71] SAINT LOUIS UNIVERSITY, US
[85] 2018-06-08
[86] 2016-12-30 (PCT/US2016/069511)
[87] (WO2017/117538)
[30] US (62/273,246) 2015-12-30

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[21] **3,008,025**
[13] A1
[51] **Int.Cl. E21B 19/15 (2006.01) E21B 19/16 (2006.01) E21B 19/20 (2006.01)**
[25] EN
[54] **PIPE HANDLER AND PIPE LOADER FOR A WELL RIG**
[54] **MANIPULATEUR DE CONDUITE ET CHARGEUR DE CONDUITE POUR APPAREIL DE SONDAGE**
[72] CLARKE, JASON PETER, CA
[72] HUNTER, DOUGLAS ANDREW, CA
[72] KUSLER, DANIEL HARVARD, CA
[72] TAGGART, MARK CHARLES, CA
[71] PROSTAR MANUFACTURING INC., CA
[85] 2018-06-08
[86] 2016-12-14 (PCT/CA2016/051476)
[87] (WO2017/100921)
[30] US (62/267,605) 2015-12-15

[21] **3,008,027**
[13] A1
[51] **Int.Cl. B01D 63/06 (2006.01) B01D 65/00 (2006.01) B01D 69/12 (2006.01)**
[25] EN
[54] **MEMBRANE ARRANGEMENT HAVING A BONDING LAYER**
[54] **CONFIGURATION DE MEMBRANE COMPORTANT UNE COUCHE LIANTE**
[72] HAYDN, MARKUS, AT
[72] HUMMEL, STEPHAN, AT
[72] BRANDNER, MARCO, DE
[71] PLANSEE SE, AT
[85] 2018-06-11
[86] 2016-12-19 (PCT/AT2016/000102)
[87] (WO2017/106886)
[30] AT (GM 377/2015) 2015-12-21

---

[21] **3,008,028**
[13] A1
[51] **Int.Cl. A61B 1/267 (2006.01) A61B 1/00 (2006.01) A61B 1/012 (2006.01) A61B 1/04 (2006.01) A61B 18/20 (2006.01) A61B 18/22 (2006.01)**
[25] EN
[54] **ENDOTRACHEAL TUBE INSERTION DEVICE**
[54] **DISPOSITIF D'INTRODUCTION DE TUBE ENDOTRACHEAL**
[72] GARDNER, GLENN P., US
[71] GARDNER, GLENN P., US
[85] 2018-06-08
[86] 2017-01-06 (PCT/US2017/012440)
[87] (WO2017/120408)
[30] US (62/276,035) 2016-01-07

---

[21] **3,008,029**
[13] A1
[51] **Int.Cl. E21B 17/02 (2006.01) E21B 17/042 (2006.01) F16L 15/06 (2006.01)**
[25] EN
[54] **TUBULAR COUPLING**
[54] **COUPLAGE TUBULAIRE**
[72] WILLIAMSON, PATRICK, US
[72] GAY, MICHAEL G., US
[72] TROTTER, DAVID, US
[71] CERTUS ENERGY SOLUTIONS, LLC, US
[85] 2018-06-08
[86] 2016-11-28 (PCT/US2016/063860)
[87] (WO2017/100026)
[30] US (62/265,222) 2015-12-09
[30] US (62/381,468) 2016-08-30
[30] US (15/254,793) 2016-09-01

---

[21] **3,008,030**
[13] A1
[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2018.01) A01N 63/00 (2006.01) A01N 63/02 (2006.01) C07K 14/195 (2006.01)**
[25] EN
[54] **PESTICIDAL GENES AND METHODS OF USE**
[54] **GENES PESTICIDES ET LEURS PROCEDES D'UTILISATION**
[72] PARKS, JESSICA, US
[72] ROBERTS, KIRA BULAZEL, US
[72] THAYER, REBECCA E., US
[71] AGBIOME, INC., US
[85] 2018-06-08
[86] 2016-12-16 (PCT/US2016/067146)
[87] (WO2017/112538)
[30] US (62/270,742) 2015-12-22
[30] US (62/412,619) 2016-10-25

---

[21] **3,008,031**
[13] A1
[51] **Int.Cl. G01N 21/64 (2006.01)**
[25] EN
[54] **DETECTION APPARATUS HAVING A MICROFLUOROMETER, A FLUIDIC SYSTEM, AND A FLOW CELL LATCH CLAMP MODULE**
[54] **APPAREIL DE DETECTION A MICROFLUOROMETRE, SYSTEME FLUIDIQUE ET MODULE BRIDE DE VERROUILLAGE DE CUVE A CIRCULATION**
[72] ANG, BENG KEONG, SG
[72] CHENG, HENG KUANG, SG
[72] BEIERLE, JOHN M., US
[72] DREWS, BRAD, US
[72] KAPLAN, DAVID, US
[71] ILLUMINA SINGAPORE PTE LTD, SG
[71] ILLUMINA, INC., US
[85] 2018-06-08
[86] 2017-01-10 (PCT/US2017/012822)
[87] (WO2017/123533)
[30] US (62/277,065) 2016-01-11

---

[21] **3,008,032**
[13] A1
[51] **Int.Cl. G02B 27/09 (2006.01) G02B 27/01 (2006.01) G02B 27/02 (2006.01) G02B 27/10 (2006.01) G02B 27/22 (2018.01) G02B 27/30 (2006.01)**
[25] EN
[54] **BEAM ANGLE SENSOR IN VIRTUAL/AUGMENTED REALITY SYSTEM**
[54] **CAPTEUR D'ANGLE DE FAISCEAU DANS UN SYSTEME DE REALITE VIRTUELLE/AUGMENTEE**
[72] YEOH, IVAN L., US
[72] EDWIN, LIONEL ERNEST, US
[72] TEKOLSTE, ROBERT DALE, US
[71] MAGIC LEAP, INC., US
[85] 2018-06-08
[86] 2017-01-12 (PCT/US2017/013234)
[87] (WO2017/123793)
[30] US (62/277,865) 2016-01-12

---

[21] **3,008,033**
[13] A1
[51] **Int.Cl. A23C 9/152 (2006.01) A23K 20/142 (2016.01) A23K 20/174 (2016.01) A23L 33/17 (2016.01)**
[25] EN
[54] **METHOD AND COMPOSITION FOR INCREASING MUSCLE PROTEIN SYNTHESIS AND/OR FUNCTIONAL STRENGTH IN MAMMALS AS WELL AS METHOD OF PRODUCING A COMPOSITION**
[54] **PROCEDE ET COMPOSITION POUR AUGMENTER LA SYNTHESE DE PROTEINE MUSCULAIRE ET/OU LA RESISTANCE FONCTIONNELLE CHEZ DES MAMMIFERES, ET PROCEDE DE PRODUCTION DE COMPOSITION**
[72] BELLAMINE, AOUATEF, US
[72] ZHIVKOVICH, ILYA, US
[72] FREITAS, ULLA, US
[71] LONZA INC., US
[85] 2018-06-08
[86] 2016-12-16 (PCT/US2016/067238)
[87] (WO2017/106687)
[30] US (62/269,573) 2015-12-18
[30] US (62/273,880) 2015-12-31

[21] **3,008,034**
[13] A1
[51] **Int.Cl. C08G 18/12 (2006.01) B32B 7/12 (2006.01) B32B 15/20 (2006.01) B32B 27/32 (2006.01) B32B 27/36 (2006.01) B65D 75/26 (2006.01) C08G 18/36 (2006.01) C08G 18/68 (2006.01) C08G 18/76 (2006.01) C09J 175/04 (2006.01)**
[25] EN
[54] **ONE-PART POLYURETHANE ADHESIVE COMPOSITION, METHOD OF MAKING A LAMINATE, AND LAMINATE**
[54] **COMPOSITION DE POLYURETHANE ADHESIVE A UN COMPOSANT, PROCEDE DE FABRICATION D'UN STRATIFIE ET STRATIFIE**
[72] OSTLUND, ANTHONY J., US
[72] NELSON, DORIAN P., US
[72] EKLUND, WAYNE G., US
[72] VALVERDE, MARLEN A., US
[71] H.B. FULLER COMPANY, US
[85] 2018-06-08
[86] 2017-01-19 (PCT/US2017/014154)
[87] (WO2017/127559)
[30] US (62/280,447) 2016-01-19

---

[21] **3,008,035**
[13] A1
[51] **Int.Cl. A61B 90/00 (2016.01) A61J 1/20 (2006.01) A61M 5/178 (2006.01)**
[25] EN
[54] **SYRINGE FILLING DEVICE FOR FAT TRANSFER**
[54] **DISPOSITIF DE REMPLISSAGE DE SERINGUE POUR TRANSFERT DE GRAISSE**
[72] JESSOP, ISRAEL, US
[72] BARERE, AARON, US
[72] WANG, KAI-ROY, US
[72] HAYZLETT, MARK, US
[71] LIFECELL CORPORATION, US
[85] 2018-06-08
[86] 2016-12-21 (PCT/US2016/067991)
[87] (WO2017/112755)
[30] US (62/270,789) 2015-12-22

---

[21] **3,008,036**
[13] A1
[51] **Int.Cl. A61K 31/4155 (2006.01) A61K 9/20 (2006.01) A61K 9/48 (2006.01) A61K 47/26 (2006.01) A61K 47/38 (2006.01) A61P 7/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION COMPRISING BICYCLO-SUBSTITUTED PYRAZOLON AZO DERIVATIVE OR SALT THEREOF AND PREPARATION METHOD THEREOF**
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT DES DERIVES AZOIQUES DE PYRAZOLONE A SUBSTITUTION BICYCLO OU UN SEL DE CEUX-CI ET SON PROCEDE DE PREPARATION**
[72] LU, YUN, CN
[72] ZHANG, XINHUA, CN
[72] ZHANG, DAIMEI, CN
[71] JIANGSU HENGRUI MEDICINE CO., LTD., CN
[85] 2018-06-11
[86] 2017-01-16 (PCT/CN2017/071219)
[87] (WO2017/124983)
[30] CN (201610046767.7) 2016-01-22

---

[21] **3,008,037**
[13] A1
[51] **Int.Cl. G01V 1/28 (2006.01) G01V 1/30 (2006.01) G01V 1/36 (2006.01) G06F 17/13 (2006.01)**
[25] EN
[54] **EFFICIENT INTERNAL MULTIPLE PREDICTION METHODS**
[54] **PROCEDES DE PREDICTION EFFICACE DE MULTIPLES INTERNES**
[72] ZHANG, YU, US
[72] ZHANG, HAIYAN, US
[71] CONOCOPHILLIPS COMPANY, US
[85] 2018-06-08
[86] 2016-12-06 (PCT/US2016/065139)
[87] (WO2017/100187)
[30] US (62/266,139) 2015-12-11
[30] US (15/370,412) 2016-12-06

---

[21] **3,008,038**
[13] A1
[51] **Int.Cl. E06B 7/23 (2006.01)**
[25] EN
[54] **STACKABLE WEATHERSTRIP**
[54] **BOURRELET EMPILABLE**
[72] MITCHELL, STEVEN A., US
[72] RABAGO, ROBERT E., US
[71] ROYAL GROUP, INC., US
[85] 2018-06-11
[86] 2016-12-15 (PCT/CA2016/051488)
[87] (WO2017/100932)
[30] US (62/268,749) 2015-12-17
[30] US (15/377,487) 2016-12-13

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[21] **3,008,039**
[13] A1
[51] **Int.Cl. A61K 31/65 (2006.01) A61K 9/20 (2006.01) A61K 31/201 (2006.01) A61K 31/202 (2006.01) A61K 31/455 (2006.01) A61P 17/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL FORMULATIONS FOR TREATING SKIN DISORDERS AND METHODS FOR FABRICATING AND USING THEREOF**
[54] **FORMULATIONS PHARMACEUTIQUES POUR TRAITER LES TROUBLES CUTANES ET PROCEDES DE FABRICATION ET D'UTILISATION ASSOCIES**
[72] SAADEH, DENNIS ELIAS, US
[71] IMPRIMIS PHARMACEUTICALS, INC., US
[85] 2018-06-08
[86] 2016-12-07 (PCT/US2016/065263)
[87] (WO2017/100246)
[30] US (62/265,643) 2015-12-10
[30] US (62/287,714) 2016-01-27

[21] **3,008,040**
[13] A1
[51] **Int.Cl. C22B 1/06 (2006.01) B03B 9/00 (2006.01) C22B 3/04 (2006.01) C22B 3/22 (2006.01) C22B 59/00 (2006.01)**
[25] EN
[54] **RARE EARTH ORE PROCESSING METHODS BY ACID MIXING, SULPHATING AND DECOMPOSING**
[54] **PROCEDE DE TRAITEMENT DE MINERAI DE TERRE RARE PAR MELANGE D'ACIDE, SULFATAGE ET DECOMPOSITION**
[72] NAUMANN, DIRK, CA
[72] GOODE, JOHN RICHARD, CA
[71] QUEST RARE MINERALS LTD., CA
[85] 2018-06-11
[86] 2016-12-16 (PCT/CA2016/051489)
[87] (WO2017/100933)
[30] US (62/267,953) 2015-12-16

---

[21] **3,008,041**
[13] A1
[51] **Int.Cl. A61K 31/343 (2006.01) A61K 31/12 (2006.01) A61K 31/192 (2006.01) A61P 5/14 (2006.01) C07C 49/215 (2006.01) C07C 59/68 (2006.01) C07D 307/80 (2006.01)**
[25] EN
[54] **COMPOUNDS FOR TARGETING THYROID HORMONE RECEPTOR ALPHA ISOFORMS AND METHODS OF USE THEREOF**
[54] **COMPOSES POUR CIBLER DES ISOFORMES DE RECEPTEUR D'HORMONE THYROIDIENNE ALPHA ET LEURS PROCEDES D'UTILISATION**
[72] DHESY-THIND, SUKHBINDER, CA
[72] JERZAK, KATARZYNA J., CA
[72] BANE, ANITA, CA
[72] COCKBURN, JESSICA G., CA
[72] HASSELL, JOHN A., CA
[71] MCMASTER UNIVERSITY, CA
[85] 2018-06-11
[86] 2016-12-22 (PCT/CA2016/051530)
[87] (WO2017/106974)
[30] US (62/387,200) 2015-12-24

---

[21] **3,008,042**
[13] A1
[51] **Int.Cl. C07K 14/315 (2006.01) A61K 39/09 (2006.01) A61P 31/04 (2006.01) A61P 37/04 (2006.01) C07K 7/08 (2006.01) C07K 16/12 (2006.01) C12N 15/31 (2006.01) C12N 15/63 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **LIPIDATED STREPTOCOCCUS PNEUMONIAE ANTIGEN COMPOSITIONS, METHODS OF PREPARATION AND USE**
[54] **COMPOSITIONS D'ANTIGENES DE STREPTOCOCCUS PNEUMONIAE LIPIDES, PROCEDES DE PREPARATION ET METHODES D'UTILISATION**
[72] LENG, CHIH-HSIANG, TW
[72] CHEN, WANGXUE, CA
[72] CHONG, PELE, TW
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[71] NATIONAL HEALTH RESEARCH INSTITUTES, TW
[85] 2018-06-11
[86] 2016-12-09 (PCT/CA2016/051449)
[87] (WO2017/096486)
[30] US (62/265,525) 2015-12-10

---

[21] **3,008,043**
[13] A1
[51] **Int.Cl. F03D 80/40 (2016.01) F24F 13/02 (2006.01)**
[25] EN
[54] **WIND TURBINE BLADE DE-ICING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE DEGIVRAGE DE PALE D'EOLIENNE**
[72] ROEPER, DANIELA, CA
[72] BAXTER, DYLAN JAMES, CA
[72] SOTRES, AIDEN GABRIEL, CA
[72] PARKIN, JONATHAN, CA
[71] 9719245 CANADA INC., CA
[85] 2018-06-11
[86] 2017-03-01 (PCT/CA2017/050266)
[87] (WO2017/147698)
[30] US (62/301, 832) 2016-03-01

---

[21] **3,008,044**
[13] A1
[51] **Int.Cl. A01B 59/06 (2006.01) A01B 63/10 (2006.01)**
[25] EN
[54] **A SYSTEM FOR DAMPING OSCILLATIONS BETWEEN A TRACTOR AND AN AGRICULTURAL IMPLEMENT DURING TRANSPORT THEREOF**
[54] **SYSTEME PERMETTANT D'AMORTIR LES OSCILLATIONS ENTRE UN TRACTEUR ET UNE MACHINE AGRICOLE PENDANT SON TRANSPORT**
[72] GREEN, OLE, DK
[72] NIELSEN, SOEREN KIRKEGAARD, DK
[71] AGRO INTELLIGENCE APS, DK
[85] 2018-06-11
[86] 2016-12-16 (PCT/DK2016/050438)
[87] (WO2017/101952)
[30] DK (PA 2015 00814) 2015-12-17

---

[21] **3,008,045**
[13] A1
[51] **Int.Cl. G06K 19/077 (2006.01) B42D 25/00 (2014.01) B42D 25/351 (2014.01) B42D 15/00 (2006.01)**
[25] FR
[54] **SMART CARD WITH CUSTOMIZED TRANSLUCENT EDGES**
[54] **CARTE A PUCE A BORDS TRANSLUCIDES PERSONNALISES**
[72] MICHAU, PASCAL-DANIEL, FR
[71] IMPRIMERIE NATIONALE S.A., FR
[85] 2018-06-11
[86] 2016-12-16 (PCT/FR2016/000211)
[87] (WO2017/103351)
[30] FR (15 02610) 2015-12-16

[21] **3,008,046**
[13] A1
[51] **Int.Cl. F23C 5/08 (2006.01) F23C 13/00 (2006.01) F23D 14/84 (2006.01)**
[25] EN
[54] **APPARATUS FOR ENDOTHERMIC PROCESS WITH IMPROVED BURNERS ARRANGEMENT**
[54] **APPAREIL POUR PROCEDE ENDOTHERMIQUE AVEC AGENCEMENT DE BRULEURS AMELIORE**
[72] CAMY-PEYRET, FREDERIC, FR
[72] CANCES, JULIEN, FR
[72] TUDORACHE, DIANA, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2018-06-11
[86] 2016-11-17 (PCT/EP2016/077960)
[87] (WO2017/102234)
[30] EP (15307007.3) 2015-12-15

[21] **3,008,047**
[13] A1
[51] **Int.Cl. E01F 7/04 (2006.01)**
[25] FR
[54] **DEVICE FOR HOLDING MATERIALS**
[54] **DISPOSITIF DE RETENUE DE MATERIAUX**
[72] BOUTILLIER, BENOIT, FR
[72] FARIZY, BRUNO, FR
[72] CONSTANT, STEPHANE, FR
[72] LAMBERT, CYRIL, FR
[71] TECHNOLOGIE ALPINE DE SECURITE-TAS, FR
[85] 2018-06-11
[86] 2016-12-08 (PCT/FR2016/053278)
[87] (WO2017/103385)
[30] FR (15/62538) 2015-12-16

[21] **3,008,048**
[13] A1
[51] **Int.Cl. A61K 31/00 (2006.01) A61K 31/165 (2006.01) A61K 31/4192 (2006.01) A61K 31/53 (2006.01) A61P 21/02 (2006.01)**
[25] EN
[54] **RUFINAMIDE FOR USE IN THE TREATMENT OF MYOTONIA**
[54] **RUFINAMIDE POUR SON UTILISATION DANS LE TRAITEMENT DE LA MYOTONIE**
[72] PEDERSEN, THOMAS HOLM, DK
[72] SKOV, MARTIN BRANDHOJ, DK
[71] AARHUS UNIVERSITET, DK
[85] 2018-06-11
[86] 2016-12-09 (PCT/DK2016/050424)
[87] (WO2017/097311)
[30] EP (15199512.3) 2015-12-11

[21] **3,008,049**
[13] A1
[51] **Int.Cl. B21C 37/15 (2006.01) B21C 37/20 (2006.01) F16L 9/02 (2006.01) G01M 3/18 (2006.01)**
[25] EN
[54] **A METHOD FOR MANUFACTURING A TUBE OF METAL AS WELL AS A TUBE OF METAL**
[54] **PROCEDE DE FABRICATION D'UN TUBE DE METAL AINSI QUE TUBE DE METAL**
[72] ROSEN, JONAS, SE
[72] HEDVALL, CHRISTOFER, DE
[72] RAUFFMANN, UDO, DE
[72] FROBOSE, THOMAS, DE
[72] FINZETTO, LEANDRO, US
[72] GYNNERSTEDT, JONAS, SE
[72] HEDBLOM, ERIKA, SE
[71] SANDVIK MATERIALS TECHNOLOGY DEUTSCHLAND GMBH, DE
[85] 2018-06-11
[86] 2016-11-16 (PCT/EP2016/077810)
[87] (WO2017/102227)
[30] DE (10 2015 122 295.7) 2015-12-18

[21] **3,008,050**
[13] A1
[51] **Int.Cl. G03F 1/64 (2012.01) G03F 1/66 (2012.01)**
[25] EN
[54] **A MEMBRANE ASSEMBLY**
[54] **SYSTEME DE MEMBRANE**
[72] BROUNS, DERK SERVATIUS GERTRUDA, NL
[72] JANSSEN, PAUL, NL
[72] KAMALI, MOHAMMAD REZA, NL
[72] PETER, MARIA, NL
[72] VAN DER ZANDE, WILLEM JOAN, NL
[72] VAN ZWOL, PIETER-JAN, NL
[72] VLES, DAVID FERDINAND, NL
[72] VOORTHUIJZEN, WILLEM-PIETER, NL
[71] ASML NETHERLANDS B.V., NL
[85] 2018-06-11
[86] 2016-12-02 (PCT/EP2016/079584)
[87] (WO2017/102378)
[30] EP (15199845.7) 2015-12-14
[30] EP (16157967.7) 2016-03-01
[30] EP (16163962.0) 2016-04-06

[21] **3,008,051**
[13] A1
[51] **Int.Cl. D01F 6/04 (2006.01) C08F 10/02 (2006.01)**
[25] EN
[54] **LOW CREEP FIBER**
[54] **FIBRE A FAIBLE FLUAGE**
[72] ENGELS, TOM ANTONIUS PHILOMENA, NL
[72] DE CREMER, GERT, NL
[72] BERTHOUD, ROMAIN, NL
[72] STEPANYAN, ROMAN, NL
[72] ROOZEMOND, PETER, NL
[72] OOSTERLINCK, FILIP STEFAN EMIEL, NL
[72] SEVERN, JOHN RICHARD, NL
[71] DSM IP ASSETS B.V., NL
[85] 2018-06-11
[86] 2016-12-12 (PCT/EP2016/080569)
[87] (WO2017/102618)
[30] EP (15200047.7) 2015-12-15

[21] **3,008,052**
[13] A1
[51] **Int.Cl. A61K 38/22 (2006.01) A61K 38/26 (2006.01) A61K 49/00 (2006.01) A61K 49/14 (2006.01) A61K 51/08 (2006.01) A61P 3/08 (2006.01) C07K 14/575 (2006.01) C07K 14/605 (2006.01)**
[25] EN
[54] **SELECTIVE GLUCAGON RECEPTOR AGONISTS COMPRISING A CHELATING MOIETY FOR IMAGING PURPOSES**
[54] **AGONISTES DES RECEPTEURS DU GLUCAGON SELECTIFS COMPRENANT UN FRAGMENT CHELATANT A DES FINS D'IMAGERIE**
[72] HAACK, TORSTEN, DE
[72] PLETTENBURG, OLIVER, DE
[72] EVERS, ANDREAS, DE
[72] WAGNER, MICHAEL, DE
[72] BOSSART, MARTIN, DE
[72] BERTRAND, ROMAIN, DE
[71] SANOFI, FR
[85] 2018-06-11
[86] 2016-12-12 (PCT/EP2016/080553)
[87] (WO2017/102613)
[30] EP (15307000.8) 2015-12-14

[21] **3,008,053**
[13] A1
[51] **Int.Cl. G02B 6/032 (2006.01)**
[25] EN
[54] **HOLLOW CORE OPTICAL FIBER AND A LASER SYSTEM**
[54] **FIBRE OPTIQUE A C□UR CREUX ET SYSTEME LASER**
[72] LYNGSOE, JENS KRISTIAN, DK
[72] JAKOBSEN, CHRISTIAN, DK
[72] MICHIELETTO, MATTIA, DK
[71] NKT PHOTONICS A/S, DK
[85] 2018-06-11
[86] 2016-12-22 (PCT/DK2016/050460)
[87] (WO2017/108061)
[30] DK (PA 2015 70877) 2015-12-23
[30] DK (PA 2016 70263) 2016-04-27

[21] **3,008,054**
[13] A1
[51] **Int.Cl. C07F 9/6558 (2006.01)**
[25] EN
[54] **PHOSPHOLIPIDATION OF IMIDAZOQUINOLINES AND OXOADENINES**
[54] **PHOSPHOLIPIDATION D'IMIDAZOQUINOLINES ET D'OXOADENINES**
[72] BAZIN-LEE, HELENE G., US
[72] BESS, LAURA S., US
[72] JOHNSON, DAVID A., US
[71] GLAXOSMITHKLINE BIOLOGICALS S.A., BE
[85] 2018-06-11
[86] 2016-12-12 (PCT/EP2016/080647)
[87] (WO2017/102654)
[30] US (62/266,858) 2015-12-14

[21] **3,008,055**
[13] A1
[51] **Int.Cl. C07F 9/6561 (2006.01) A61K 31/4745 (2006.01) A61K 39/39 (2006.01) A61P 17/12 (2006.01) A61P 31/14 (2006.01) A61P 31/20 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PEGYLATED IMIDAZOQUINOLINES AS TLR7 AND TLR8 AGONISTS**
[54] **IMIDAZOQUINOLEINES PEGYLEES A UTILISER EN TANT QU'AGONISTES DE TLR7 ET TLR8**
[72] BAZIN-LEE, HELENE G, US
[72] JOHNSON, DAVID A, US
[71] GLAXOSMITHKLINE BIOLOGICALS S.A., BE
[85] 2018-06-11
[86] 2016-12-12 (PCT/EP2016/080645)
[87] (WO2017/102652)
[30] US (62/266,880) 2015-12-14

[21] **3,008,056**
[13] A1
[51] **Int.Cl. F01K 25/08 (2006.01)**
[25] EN
[54] **COMBINED HEAT AND POWER PLANT AND METHOD FOR OPERATING SAME**
[54] **CENTRALE DE COGENERATION ET SON PROCEDE DE FONCTIONNEMENT**
[72] HOFFMANN, DIRK, DE
[71] FUELSAVE GMBH, DE
[85] 2018-06-11
[86] 2016-12-12 (PCT/EP2016/080678)
[87] (WO2017/108485)
[30] EP (15201709.1) 2015-12-21

[21] **3,008,057**
[13] A1
[51] **Int.Cl. B62D 57/02 (2006.01) B25J 5/00 (2006.01) B25J 19/02 (2006.01) B60B 19/00 (2006.01) G03B 15/00 (2006.01)**
[25] FR
[54] **OBJET MOBILE A MOUVEMENT COMBINE**
[54] **MOVING OBJECT WITH COMBINED MOVEMENT**
[72] CLERC, VINCENT, FR
[71] SOFTBANK ROBOTICS EUROPE, FR
[85] 2018-06-11
[86] 2016-12-13 (PCT/EP2016/080770)
[87] (WO2017/102711)
[30] FR (1562534) 2015-12-16

[21] **3,008,058**
[13] A1
[51] **Int.Cl. A61B 17/12 (2006.01)**
[25] EN
[54] **IMPLANT**
[54] **IMPLANT**
[72] HENKES, HANS, DE
[72] MONSTADT, HERMANN, DE
[72] HANNES, RALF, DE
[71] PHENOX GMBH, DE
[85] 2018-06-11
[86] 2016-12-14 (PCT/EP2016/080917)
[87] (WO2017/102804)
[30] DE (10 2015 121 757.0) 2015-12-14

[21] **3,008,059**
[13] A1
[51] **Int.Cl. A23L 5/30 (2016.01) A23L 5/20 (2016.01) A23L 7/10 (2016.01) A23L 7/196 (2016.01) A21D 13/066 (2017.01) A21D 13/06 (2017.01) C12C 1/02 (2006.01)**
[25] EN
[54] **METHOD FOR THE DETOXIFICATION OF GLUTEN PROTEINS FROM CEREAL GRAINS AND USES THEREOF IN MEDICAL FIELD**
[54] **PROCEDE DE DETOXIFICATION DES PROTEINES DE GLUTEN A PARTIR DE GRAINES DE CEREALES ET LEURS UTILISATIONS DANS LE DOMAINE MEDICAL**
[72] LAMACCHIA, CARMELA, IT
[71] NEW GLUTEN WORLD S.R.L., IT
[85] 2018-06-11
[86] 2016-12-16 (PCT/EP2016/081589)
[87] (WO2017/103214)
[30] IT (UB2015A009442) 2015-12-17

[21] **3,008,061**
[13] A1
[51] **Int.Cl. G01N 27/02 (2006.01) B01L 3/00 (2006.01) G01N 33/483 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONDUCTING ELECTROCHEMICAL IMPEDANCE SPECTROSCOPY**
[54] **SYSTEMES ET PROCEDES POUR METTRE EN OEUVRE UNE SPECTROSCOPIE D'IMPEDANCE ELECTROCHIMIQUE**
[72] VAN INGELGEM, YVES, BE
[72] LANDUYT, BART, BE
[72] VERGUTS, SVEN, BE
[71] VRIJE UNIVERSITEIT BRUSSEL, BE
[71] KATHOLIEKE UNIVERSITEIT LEUVEN, BE
[85] 2018-06-11
[86] 2016-12-18 (PCT/EP2016/081627)
[87] (WO2017/103244)
[30] GB (1522323.3) 2015-12-17

[21] **3,008,062**
[13] A1
[51] **Int.Cl. C21D 9/46 (2006.01) C22C 38/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A HIGH STRENGTH STEEL SHEET HAVING IMPROVED DUCTILITY AND FORMABILITY, AND OBTAINED STEEL SHEET**
[54] **PROCEDE POUR LA PRODUCTION D'UNE TOLE D'ACIER A HAUTE RESISTANCE AYANT UNE DUCTILITE ET UNE APTITUDE AU FORMAGE AMELIOREES ET TOLE D'ACIER AINSI OBTENUE**
[72] GOSPODINOVA, MAYA, FR
[72] HEBERT, VERONIQUE, FR
[72] VENKATASURYA, PAVAN, US
[71] ARCELORMITTAL, LU
[85] 2018-06-11
[86] 2016-12-20 (PCT/EP2016/082037)
[87] (WO2017/108866)
[30] IB (PCT/IB2015/059839) 2015-12-21

[21] **3,008,064**
[13] A1
[51] **Int.Cl. C21D 9/46 (2006.01) C22C 38/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A HIGH STRENGTH STEEL SHEET HAVING IMPROVED DUCTILITY AND FORMABILITY, AND OBTAINED STEEL SHEET**
[54] **PROCEDE DE FABRICATION D'UNE TOLE D'ACIER A HAUTE RESISTANCE PRESENTANT UNE DUCTILITE ET UNE FORMABILITE AMELIOREES ET TOLE D'ACIER OBTENUE PAR CE PROCEDE**
[72] GOSPODINOVA, MAYA, FR
[72] VENKATASURYA, PAVAN, US
[71] ARCELORMITTAL, LU
[85] 2018-06-11
[86] 2016-12-21 (PCT/EP2016/082088)
[87] (WO2017/108897)
[30] IB (PCT/IB2015/059841) 2015-12-21

[21] **3,008,067**
[13] A1
[51] **Int.Cl. C21D 6/00 (2006.01) C21D 1/22 (2006.01) C21D 8/02 (2006.01) C21D 9/46 (2006.01) C22C 38/00 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01) C23C 2/02 (2006.01) C23C 2/28 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A STEEL SHEET HAVING IMPROVED STRENGTH, DUCTILITY AND FORMABILITY**
[54] **PROCEDE DE PRODUCTION D'UNE TOLE D'ACIER PRESENTANT UNE RESISTANCE, UNE DUCTILITE ET UNE APTITUDE AU FORMAGE AMELIOREES**
[72] JUN, HYUN JO, US
[72] VENKATASURYA, PAVAN, US
[71] ARCELORMITTAL, LU
[85] 2018-06-11
[86] 2016-12-21 (PCT/EP2016/082192)
[87] (WO2017/108956)
[30] IB (PCT/IB2015/059837) 2015-12-21

[21] **3,008,068**
[13] A1
[51] **Int.Cl. F15B 21/00 (2006.01) F16K 1/22 (2006.01) F16K 11/22 (2006.01)**
[25] EN
[54] **HYDRAULIC VALVE BODY AND HYDRAULIC VALVE MECHANISM COMPRISING THE BODY**
[54] **CORPS DE SOUPAPE HYDRAULIQUE ET MECANISME DE SOUPAPE HYDRAULIQUE COMPRENANT LE CORPS**
[72] PIIPPO, TERHO, FI
[71] HYDRAULIC PIIPPO, FI
[85] 2018-06-11
[86] 2016-06-13 (PCT/FI2016/050419)
[87] (WO2016/198750)
[30] FI (20155450) 2015-06-11
[30] FI (20155938) 2015-12-10

[21] **3,008,069**
[13] A1
[51] **Int.Cl. C21D 6/00 (2006.01) C21D 9/46 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01) C22C 38/12 (2006.01) C23C 2/02 (2006.01) C23C 2/06 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A HIGH STRENGTH COATED STEEL SHEET HAVING IMPROVED DUCTILITY AND FORMABILITY, AND OBTAINED COATED STEEL SHEET**
[54] **PROCEDE DE PRODUCTION D'UNE TOLE D'ACIER REVETUE DE HAUTE RESISTANCE PRESENTANT UNE DUCTILITE ET UNE APTITUDE AU FORMAGE AMELIOREES, ET TOLE D'ACIER REVETUE AINSI OBTENUE**
[72] GOSPODINOVA, MAYA, FR
[72] HEBERT, VERONIQUE, FR
[71] ARCELORMITTAL, LU
[85] 2018-06-11
[86] 2016-12-21 (PCT/EP2016/082195)
[87] (WO2017/108959)
[30] IB (PCT/IB2015/059840) 2015-12-21

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[21] **3,008,071**
[13] A1
[51] **Int.Cl. H01M 8/248 (2016.01) H01M 8/2428 (2016.01) C25B 9/18 (2006.01)**
[25] EN
[54] **STAND-ALONE SYSTEM FOR CLAMPING A HIGH-TEMPERATURE SOEC/SOFC STACK**
[54] **SYSTEME DE SERRAGE AUTONOME D'UN EMPILEMENT A OXYDES SOLIDES DE TYPE SOEC/SOFC A HAUTE TEMPERATURE**
[72] REYTIER, MAGALI, FR
[72] BERNARD, CHARLOTTE, FR
[72] GIROUD, PASCAL, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2018-06-11
[86] 2016-12-12 (PCT/EP2016/080655)
[87] (WO2017/102657)
[30] FR (15 62384) 2015-12-15

---

[21] **3,008,072**
[13] A1
[51] **Int.Cl. B23K 26/362 (2014.01) B23K 26/322 (2014.01) B23K 26/26 (2014.01)**
[25] FR
[54] **METHOD FOR PRODUCING A PRE-COATED METAL SHEET, WITH REMOVAL OF THE COATING BY MEANS OF AN INCLINED LASER BEAM, AND CORRESPONDING METAL SHEET**
[54] **PROCEDE DE PREPARATION D'UNE TOLE PRE-REVETUE, AVEC ENLEVEMENT DU REVETEMENT A L'AIDE D'UN FAISCEAU LASER INCLINE; TOLE CORRESPONDANTE**
[72] EHLING, WOLFRAM, BE
[71] ARCELORMITTAL, LU
[85] 2018-06-11
[86] 2016-12-22 (PCT/EP2016/082412)
[87] (WO2017/109090)
[30] IB (PCT/IB2015/059889) 2015-12-22

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[21] **3,008,075**
[13] A1
[51] **Int.Cl. A61K 36/15 (2006.01) A23L 33/00 (2016.01)**
[25] EN
[54] **THE USE OF A COMPOSITION FOR LOWERING CHOLESTEROL LEVEL IN A MAMMAL, A METHOD FOR ITS PREPARATION, A COMPOSITION AND A METHOD FOR PREPARING FOOD ADDITIVE COMPRISING SAID COMPOSITION**
[54] **UTILISATION D'UNE COMPOSITION VISANT A FAIRE BAISSER LE TAUX DE CHOLESTEROL CHEZ UN MAMMIFERE, SON PROCEDE DE PREPARATION, COMPOSITION ET PROCEDE DE PREPARATION D'UN ADDITIF ALIMENTAIRE CONTENANT LADITE COMPOSITION**
[72] AHLNAS, THOMAS, FI
[71] OY GRANULA AB LTD, FI
[85] 2018-06-11
[86] 2016-12-09 (PCT/FI2016/050864)
[87] (WO2017/098089)
[30] FI (20155934) 2015-12-09

---

[21] **3,008,076**
[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/00 (2006.01) A61K 47/18 (2017.01) A61K 47/26 (2006.01)**
[25] EN
[54] **PREPARATION OF RESPIRABLE ZAFIRLUKAST PARTICLES**
[54] **PREPARATION DE PARTICULES RESPIRABLES DE ZAFIRLUKAST**
[72] COSTA, EUNICE, PT
[72] CAMPOS, SUSANA, PT
[72] FILIPE, NEVES, PT
[71] HOVIONE SCIENTIA LIMITED, IE
[85] 2018-06-11
[86] 2016-12-15 (PCT/GB2016/053953)
[87] (WO2017/103600)
[30] PT (109030) 2015-12-15

---

[21] **3,008,077**
[13] A1
[51] **Int.Cl. C09D 201/00 (2006.01) A61L 29/04 (2006.01) A61L 29/08 (2006.01) A61L 29/12 (2006.01) C08L 101/00 (2006.01)**
[25] EN
[54] **THERMOFORMED POLYMERIC ARTICLES CONTAINING AN ADDITIVE**
[54] **OBJETS POLYMERES THERMOFORMES CONTENANT UN ADDITIF**
[72] KENNY, SINEAD, IE
[72] MALKOCH, MICHAEL, SE
[71] DIANIA TECHNOLOGIES LIMITED, IE
[85] 2018-06-11
[86] 2016-12-22 (PCT/EP2016/082449)
[87] (WO2017/109114)
[30] IE (2015/0438) 2015-12-23

[21] **3,008,078**
[13] A1
[51] **Int.Cl. H01G 4/35 (2006.01) G01R 15/16 (2006.01)**
[25] EN
[54] **CAPACITOR, CAPACITIVE VOLTAGE SENSOR AND METHOD FOR MANUFACTURING A CAPACITOR**
[54] **CONDENSATEUR, CAPTEUR DE TENSION CAPACITIF ET PROCEDE DE FABRICATION DE CONDENSATEUR**
[72] STOLLWERCK, GUNTHER A. J., DE
[72] GRAVERMANN, MARK, DE
[72] WEICHOLD, JENS, DE
[72] SABO, ANDREEA, DE
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2018-06-11
[86] 2016-12-09 (PCT/IB2016/057494)
[87] (WO2017/103755)
[30] EP (15200890.0) 2015-12-17

---

[21] **3,008,082**
[13] A1
[51] **Int.Cl. G05B 19/4062 (2006.01)**
[25] EN
[54] **METHOD FOR MONITORING A MACHINE TOOL, AND CONTROLLER**
[54] **PROCEDE DE CONTROLE D'UNE MACHINE-OUTIL ET COMMANDE**
[72] BRINKHAUS, JAN-WILM, DE
[72] IMIELA, JOACHIM, DE
[71] KOMET DEUTSCHLAND GMBH, DE
[85] 2018-06-11
[86] 2017-01-04 (PCT/EP2017/050152)
[87] (WO2017/121671)
[30] DE (DE 10 2016 100 503.7) 2016-01-13

---

[21] **3,008,084**
[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4439 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION COMPRISING INDOLE DERIVATIVES, PROCESS FOR PREPARATION AND USE THEREOF**
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT DES DERIVES D'INDOLE, PROCEDE DE PREPARATION ET UTILISATION DE CELLE-CI**
[72] LINDER, STIG, SE
[71] VIVOLUX AB, SE
[85] 2018-06-11
[86] 2016-12-10 (PCT/EP2016/025175)
[87] (WO2017/102097)
[30] SE (1500520-0) 2015-12-18

---

[21] **3,008,086**
[13] A1
[51] **Int.Cl. F24D 17/00 (2006.01) E03B 7/10 (2006.01) E03C 1/00 (2006.01)**
[25] EN
[54] **DOMESTIC HOT WATER SUPPLY CONNECTION POINT**
[54] **POINT DE RACCORDEMENT DE ROBINET D'EAU CHAUDE DOMESTIQUE**
[72] CZARKO, ZBIGNIEW TADEUSZ, PL
[71] CZARKO, ZBIGNIEW TADEUSZ, PL
[85] 2018-06-11
[86] 2016-12-13 (PCT/IB2016/057560)
[87] (WO2017/103772)
[30] PL (P.415278) 2015-12-14

---

[21] **3,008,094**
[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR DECREASING TAU EXPRESSION**
[54] **COMPOSITIONS ET METHODES POUR DIMINIER L'EXPRESSION DE TAU**
[72] POLYDORO OFENGEIM, MANUELA, US
[72] WEILER, JAN, US
[71] NOVARTIS AG, CH
[85] 2018-06-11
[86] 2016-12-19 (PCT/IB2016/057794)
[87] (WO2017/109679)
[30] US (62/270,165) 2015-12-21

---

[21] **3,008,097**
[13] A1
[51] **Int.Cl. B61C 17/04 (2006.01) B61D 17/04 (2006.01)**
[25] EN
[54] **ELECTRICAL EQUIPMENT COMPARTMENT FOR INTEGRATION IN A DEFORMABLE DRIVER CABIN FOR AN URBAN RAILWAY VEHICLE**
[54] **COMPARTIMENT D'EQUIPEMENT ELECTRIQUE A INTEGRER DANS UNE CABINE DE CONDUCTEUR DEFORMABLE DE VEHICULE FERROVIAIRE URBAIN**
[72] SICOT, PATRICK, FR
[72] RENVERSE, JEAN-LUC, FR
[72] FOGLI, MARIO, FR
[72] ROBYN, ARNAULD, FR
[71] ALSTOM TRANSPORT TECHNOLOGIES, FR
[85] 2018-06-11
[86] 2015-12-18 (PCT/IB2015/002625)
[87] (WO2017/103646)

---

[21] **3,008,098**
[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/4196 (2006.01) A61K 31/5383 (2006.01) C07D 491/04 (2006.01) C07D 498/04 (2006.01)**
[25] EN
[54] **TRICYCLIC COMPOUNDS AND COMPOSITIONS AS KINASE INHIBITORS**
[54] **COMPOSES TRICYCLIQUES ET COMPOSITIONS UTILISES COMME INHIBITEURS DE KINASES**
[72] AVERSA, ROBERT JOHN, US
[72] BURGER, MATTHEW T., US
[72] DILLON, MICHAEL PATRICK, US
[72] DINEEN, THOMAS A., JR., US
[72] KARKI, RAJESH, US
[72] RAMURTHY, SAVITHRI, US
[72] RAUNIYAR, VIVEK, US
[72] ROBINSON, RICHARD, US
[72] SARVER, PATRICK JAMES, US
[71] NOVARTIS AG, CH
[85] 2018-06-11
[86] 2016-12-15 (PCT/IB2016/057633)
[87] (WO2017/103824)
[30] US (62/269,252) 2015-12-18

[21] **3,008,099**
[13] A1
[51] **Int.Cl. A23L 19/00 (2016.01) A23L 29/00 (2016.01) A23L 2/02 (2006.01) A23L 2/08 (2006.01) A23L 3/40 (2006.01)**
[25] EN
[54] **A FOOD PRODUCT AND METHOD OF MAKING A FOOD PRODUCT**
[54] **PRODUIT ALIMENTAIRE ET PROCEDE DE FABRICATION D'UN PRODUIT ALIMENTAIRE**
[72] SACAL MIZRAHI, SIMON, MX
[72] SACAL MIZRAHI, GABRIEL, MX
[72] SACAL MIZRAHI, ALEJANDRO, MX
[71] PRODUCTOS NATURALES INNOCAMPO S.A. DE C.V., MX
[85] 2018-06-11
[86] 2017-01-13 (PCT/IB2017/000014)
[87] (WO2017/122083)
[30] US (62/279,539) 2016-01-15

---

[21] **3,008,100**
[13] A1
[51] **Int.Cl. H02J 3/00 (2006.01) H02J 3/18 (2006.01) H02J 3/38 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING POWER DISTRIBUTION**
[54] **PROCEDE DE COMMANDE DE DISTRIBUTION DE PUISSANCE**
[72] MURPHY, CONOR, IE
[72] KEANE, ANDREW, IE
[72] RICHARDSON, PETER, IE
[71] UNIVERSITY COLLEGE DUBLIN, NATIONAL UNIVERSITY OF IRELAND, DUBLIN, IE
[85] 2018-06-11
[86] 2016-11-07 (PCT/EP2016/076850)
[87] (WO2017/102177)
[30] US (14/967,539) 2015-12-14

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[21] **3,008,102**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **ANTIBODIES TARGETING CD32B AND METHODS OF USE THEREOF**
[54] **ANTICORPS CIBLANT CD32B ET LEURS PROCEDES D'UTILISATION ASSOCIES**
[72] BALKE, NICOLE, CH
[72] CALZASCIA, THOMAS, CH
[72] EWERT, STEFAN, CH
[72] HUET, HEATHER ADKINS, US
[72] HARRIS, ALAN, US
[72] ISNARDI, ISABELLE, CH
[72] MEYER, MATTHEW JOHN, US
[72] WILSON, NICHOLAS, US
[72] XU, FANGMIN, US
[72] LU, HAIHUI, US
[71] NOVARTIS AG, CH
[85] 2018-06-11
[86] 2016-12-16 (PCT/IB2016/057745)
[87] (WO2017/103895)
[30] US (62/269,444) 2015-12-18
[30] US (62/334,747) 2016-05-11

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[21] **3,008,107**
[13] A1
[51] **Int.Cl. C07D 215/24 (2006.01) A61K 31/4704 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) C07D 215/22 (2006.01)**
[25] EN
[54] **SMALL MOLECULES FOR INHIBITING CHEMOKINE ACTIVITY, A KINASE ACTIVITY AND/OR CANCER CELLS GROWTH**
[54] **PETITES MOLECULES POUR INHIBER UNE ACTIVITE DE CHIMIOKINE, UNE ACTIVITE DE KINASE ET/OU LA CROISSANCE DES CELLULES CANCEREUSES**
[72] PELED, AMNON, IL
[72] ABRAHAM, MICHAL, IL
[72] EIZENBERG, ORLY, IL
[71] BIOKINE THERAPEUTICS LTD., IL
[85] 2018-06-11
[86] 2016-12-15 (PCT/IL2016/051347)
[87] (WO2017/103932)
[30] US (62/268,586) 2015-12-17

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[21] **3,008,112**
[13] A1
[51] **Int.Cl. C09K 5/10 (2006.01) B22D 11/124 (2006.01) C21D 1/00 (2006.01)**
[25] EN
[54] **A METHOD OF HEAT TRANSFER BETWEEN A METALLIC OR NON-METALLIC ITEM AND A HEAT TRANSFER FLUID**
[54] **PROCEDE DE TRANSFERT THERMIQUE ENTRE UN ELEMENT METALLIQUE OU NON METALLIQUE ET UN FLUIDE DE TRANSFERT THERMIQUE**
[72] NORIEGA PEREZ, DAVID, ES
[71] ARCELORMITTAL, LU
[85] 2018-06-11
[86] 2016-12-20 (PCT/IB2016/001779)
[87] (WO2017/109558)
[30] IB (PCT/IB2015/002402) 2015-12-22

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[21] **3,008,113**
[13] A1
[51] **Int.Cl. A61K 45/00 (2006.01) A61K 31/4412 (2006.01) A61K 31/4418 (2006.01) A61K 31/4439 (2006.01) A61P 27/02 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **DRUG FOR TREATING OR PREVENTING DISORDER CAUSED BY TGF-.BETA. SIGNALS, AND APPLICATION THEREOF**
[54] **MEDICAMENT PERMETTANT LE TRAITEMENT OU LA PREVENTION D'UN TROUBLE PROVOQUE PAR DES SIGNAUX TGF-.BETA. ET SON APPLICATION**
[72] KOIZUMI, NORIKO, JP
[72] OKUMURA, NAOKI, JP
[71] THE DOSHISHA, JP
[85] 2018-06-11
[86] 2016-12-22 (PCT/JP2016/005215)
[87] (WO2017/110093)
[30] JP (2015-251786) 2015-12-24

[21] **3,008,114**
[13] A1
[51] **Int.Cl. G01N 33/543 (2006.01)**
[25] EN
[54] **MULTI-UNIT PLATE FOR IMMUNOBLOT ANALYSIS**
[54] **PLAQUE A UNITES MULTIPLES POUR ANALYSE IMMUNOBLOT**
[72] ZHANG, JIANDI, CN
[71] QUANTICISION DIAGNOSTICS CANADA, INC., CA
[85] 2018-06-07
[86] 2016-01-20 (PCT/CN2016/071433)
[87] (WO2016/188132)
[30] US (14/721,205) 2015-05-26

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[21] **3,008,115**
[13] A1
[51] **Int.Cl. C09K 5/10 (2006.01) B22D 11/124 (2006.01) C21D 1/00 (2006.01)**
[25] EN
[54] **A METHOD OF HEAT TRANSFER BETWEEN A METALLIC OR NON-METALLIC ITEM AND A HEAT TRANSFER FLUID**
[54] **PROCEDE DE TRANSFERT DE CHALEUR ENTRE UN ELEMENT METALLIQUE OU NON METALLIQUE ET UN FLUIDE DE TRANSFERT DE CHALEUR**
[72] NORIEGA PEREZ, DAVID, ES
[71] ARCELORMITTAL, LU
[85] 2018-06-11
[86] 2016-12-20 (PCT/IB2016/001780)
[87] (WO2017/109559)
[30] IB (PCT/IB2015/002400) 2015-12-22

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[21] **3,008,117**
[13] A1
[51] **Int.Cl. H01M 8/04 (2016.01) H01M 8/04228 (2016.01) H01M 8/04303 (2016.01) B60L 1/00 (2006.01) B60L 11/18 (2006.01) H01M 8/00 (2016.01) H01M 8/12 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM**
[54] **SYSTEME DE PILE A COMBUSTIBLE**
[72] SUZUKI, KENTA, JP
[72] KUMADA, MITSUNORI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-06-11
[86] 2016-10-20 (PCT/JP2016/081132)
[87] (WO2017/104256)
[30] JP (2015-243837) 2015-12-15

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[21] **3,008,118**
[13] A1
[51] **Int.Cl. B63B 13/00 (2006.01) B65B 13/02 (2006.01) B65B 13/18 (2006.01) B65B 13/22 (2006.01) G05B 19/042 (2006.01)**
[25] EN
[54] **TOOL AND TOOL SETTING MANAGEMENT SYSTEM AND METHOD CONFIGURED TO PAIR WITH THE TOOL TO CHANGE HOW THE TOOL CAN FUNCTION**
[54] **PROCEDE ET SYSTEME DE GESTION DE REGLAGE D'OUTIL CONCUS POUR S'APPARIER A L'OUTIL POUR CHANGER LA MANIERE DONT L'OUTIL PEUT FONCTIONNER**
[72] SKONIECZNY, WAYNE J., US
[72] BOSS, WALTER L., US
[72] FIGIEL, JANUSZ, US
[72] RAGUSA, MARK, US
[72] LEINE, GUIDO SIMON, US
[71] SIGNODE INDUSTRIAL GROUP LLC, US
[85] 2018-06-11
[86] 2016-07-07 (PCT/US2016/041217)
[87] (WO2017/112002)
[30] US (62/270,906) 2015-12-22
[30] US (15/147,450) 2016-05-05

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[21] **3,008,119**
[13] A1
[51] **Int.Cl. B32B 5/26 (2006.01) C08J 5/04 (2006.01)**
[25] EN
[54] **REINFORCED FIBER LAMINATE SHEET, FIBER-REINFORCED RESIN MOLDED BODY, AND METHOD FOR MANUFACTURING REINFORCED FIBER LAMINATE SHEET**
[54] **FEUILLE STRATIFIEE A FIBRES RENFORCEES, CORPS MOULE EN RESINE RENFORCEE DE FIBRES ET PROCEDE DE FABRICATION DE FEUILLE STRATIFIEE A FIBRES RENFORCEES**
[72] MIURA, SHINGO, JP
[72] SATO, MASAYUKI, JP
[72] HINO, TOYOKAZU, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2018-06-11
[86] 2017-03-29 (PCT/JP2017/012881)
[87] (WO2017/170685)
[30] JP (2016-070827) 2016-03-31
[30] JP (2016-070828) 2016-03-31

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[21] **3,008,121**
[13] A1
[51] **Int.Cl. B65D 19/38 (2006.01) B65D 19/02 (2006.01) B65D 19/32 (2006.01)**
[25] EN
[54] **LOAD BEARING STRUCTURE**
[54] **STRUCTURE PORTANTE**
[72] LIN, CHI KONG, US
[72] WEEKS, STEPHEN, US
[71] AIRDEX CORPORATION, US
[85] 2018-06-11
[86] 2016-03-16 (PCT/US2016/022726)
[87] (WO2017/105531)
[30] US (62/268,423) 2015-12-16

---

[21] **3,008,123**
[13] A1
[51] **Int.Cl. C09D 5/02 (2006.01)**
[25] EN
[54] **ACOUSTIC PAINT**
[54] **PEINTURE ACOUSTIQUE**
[72] DENNEY, THEODORE W., III, US
[71] DENNEY, THEODORE W., III, US
[85] 2018-06-11
[86] 2016-11-09 (PCT/US2016/061208)
[87] (WO2017/083442)
[30] US (14/936,465) 2015-11-09

---

[21] **3,008,124**
[13] A1
[51] **Int.Cl. H04L 1/16 (2006.01)**
[25] EN
[54] **NARROW BAND ACK / NACK TRANSMISSIONS**
[54] **TRANSMISSIONS D'ACK/NACK DE BANDE ETROITE**
[72] WANG, RENQIU, US
[72] XU, HAO, US
[72] CHEN, WANSHI, US
[72] GAAL, PETER, US
[72] WANG, XIAO FENG, US
[72] RICO ALVARINO, ALBERTO, US
[72] FAKOORIAN, SEYED ALI AKBAR, US
[72] LEI, JING, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-06-11
[86] 2016-11-18 (PCT/US2016/062895)
[87] (WO2017/127152)
[30] US (62/281,099) 2016-01-20
[30] US (62/313,071) 2016-03-24
[30] US (15/272,246) 2016-09-21

[21] **3,008,125**
[13] A1
[51] **Int.Cl. H04L 1/00 (2006.01) H04W 52/04 (2009.01)**
[25] EN
[54] **RATE CONTROL OF DEVICE-TO-DEVICE BASED RELAY COMMUNICATION**
[54] **COMMANDE DE DEBIT DE COMMUNICATION RELAIS DE DISPOSITIF A DISPOSITIF**
[72] BAGHEL, SUDHIR KUMAR, US
[72] GULATI, KAPIL, US
[72] PATIL, SHAILESH, US
[72] WU, ZHIBIN, US
[72] CHEN, HUA, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-06-11
[86] 2016-11-28 (PCT/US2016/063826)
[87] (WO2017/127159)
[30] US (62/280,831) 2016-01-20
[30] US (15/360,531) 2016-11-23

---

[21] **3,008,126**
[13] A1
[51] **Int.Cl. B60C 23/04 (2006.01)**
[25] EN
[54] **ATTACHMENT MECHANISM FOR TIRE-MOUNTED SENSORS**
[54] **MECANISME DE FIXATION POUR CAPTEURS MONTES SUR UN PNEU**
[72] WEI, TERENCE E., US
[72] SAMS, THOMAS A., US
[71] BRIDGESTONE AMERICAS TIRE OPERATIONS, LLC, US
[85] 2018-06-11
[86] 2016-11-30 (PCT/US2016/064177)
[87] (WO2017/105842)
[30] US (62/267,493) 2015-12-15

---

[21] **3,008,127**
[13] A1
[51] **Int.Cl. A01G 7/06 (2006.01) A01G 13/02 (2006.01) C08J 5/18 (2006.01)**
[25] EN
[54] **FILMS CONTAINING NUTRIENTS OR COMPONENTS FOR USE BY SOIL OR PLANTS**
[54] **FILMS CONTENANT DES NUTRIMENTS OU DES COMPOSANTS DESTINES A ETRE UTILISES PAR LE SOL OU DES PLANTES**
[72] MACDONALD, STUART, US
[71] ORGANIX SOLUTIONS, LLC, US
[85] 2018-06-11
[86] 2016-12-02 (PCT/US2016/064648)
[87] (WO2017/105874)
[30] US (62/267,015) 2015-12-14

---

[21] **3,008,128**
[13] A1
[51] **Int.Cl. B64C 11/02 (2006.01) B64C 39/02 (2006.01) H02P 6/16 (2016.01)**
[25] EN
[54] **PROPELLER ALIGNMENT DEVICES**
[54] **DISPOSITIFS D'ALIGNEMENT D'HELICE**
[72] ERDOZAIN, JACK, JR., US
[72] LEGRAND, LOUIS LEROI, III, US
[72] TRAUBE, JOSHUA WHITE, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2018-06-11
[86] 2016-12-07 (PCT/US2016/065442)
[87] (WO2017/100360)
[30] US (14/967,070) 2015-12-11

---

[21] **3,008,129**
[13] A1
[51] **Int.Cl. G06Q 20/42 (2012.01) H04W 12/06 (2009.01) G06Q 20/32 (2012.01)**
[25] EN
[54] **DELEGATION OF TRANSACTIONS**
[54] **DELEGATION DE TRANSACTIONS**
[72] MADDOCKS, IAN, GB
[72] ROBERTS, DAVID, GB
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2018-06-11
[86] 2016-12-08 (PCT/US2016/065536)
[87] (WO2017/100409)
[30] EP (15199664.2) 2015-12-11

---

[21] **3,008,130**
[13] A1
[51] **Int.Cl. G06F 21/32 (2013.01) H04W 12/06 (2009.01) G06Q 20/32 (2012.01) G06Q 20/42 (2012.01) G06F 21/70 (2013.01)**
[25] EN
[54] **USER AUTHENTICATION FOR TRANSACTIONS**
[54] **AUTHENTIFICATION D'UTILISATEUR POUR DES TRANSACTIONS**
[72] MADDOCKS, IAN, GB
[72] ROBERTS, DAVID, GB
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2018-06-11
[86] 2016-12-08 (PCT/US2016/065540)
[87] (WO2017/100411)
[30] EP (15199658.4) 2015-12-11

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[21] **3,008,131**
[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A01N 43/56 (2006.01) C07D 401/04 (2006.01)**
[25] EN
[54] **HETEROCYCLE-SUBSTITUTED BICYCLIC AZOLE PESTICIDES**
[54] **PESTICIDES DE TYPE AZOLE BICYCLIQUE A SUBSTITUTION HETEROCYCLIQUE**
[72] ZHANG, WENMING, US
[72] ROSSI, MICHAEL ALAN, US
[71] FMC CORPORATION, US
[85] 2018-06-11
[86] 2016-12-08 (PCT/US2016/065577)
[87] (WO2017/106000)
[30] US (62/266,844) 2015-12-14

[21] **3,008,132**
[13] A1
[51] **Int.Cl. C07D 333/38 (2006.01) A01N 43/06 (2006.01) A01N 43/10 (2006.01) A01N 43/28 (2006.01) C07D 277/56 (2006.01) C07D 307/08 (2006.01)**
[25] EN
[54] **NEMATOCIDAL HETEROCYCLIC AMIDES**
[54] **AMIDES HETEROCYCLIQUES NEMATOCIDES**
[72] LAHM, GEORGE PHILIP, US
[72] DEANGELIS, ANDREW JON, US
[72] CAMPBELL, MATTHEW JAMES, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2018-06-11
[86] 2016-12-08 (PCT/US2016/065580)
[87] (WO2017/116646)
[30] US (62/272,728) 2015-12-30
[30] US (62/353,795) 2016-06-23

[21] **3,008,133**
[13] A1
[51] **Int.Cl. C09K 5/10 (2006.01) B22D 11/124 (2006.01) C21D 1/00 (2006.01)**
[25] EN
[54] **A METHOD OF A HEAT TRANSFER OF A NON-METALLIC OR METALLIC ITEM**
[54] **PROCEDE DE TRANSFERT DE CHALEUR D'UN ARTICLE NON METALLIQUE OU METALLIQUE**
[72] CABANAS CORRALES, MARIA, ES
[72] NORIEGA PEREZ, DAVID, ES
[71] ARCELORMITTAL, LU
[85] 2018-06-11
[86] 2016-12-20 (PCT/IB2016/001784)
[87] (WO2017/109560)
[30] IB (PCT/IB2015/002394) 2015-12-22

[21] **3,008,134**
[13] A1
[51] **Int.Cl. C09K 5/10 (2006.01) B22D 11/124 (2006.01) C21D 1/00 (2006.01)**
[25] EN
[54] **A METHOD OF A HEAT TRANSFER OF A NON-METALLIC OR METALLIC ITEM**
[54] **PROCEDE DE TRANSFERT DE CHALEUR D'UN ARTICLE NON METALLIQUE OU METALLIQUE**
[72] CABANAS CORRALES, MARIA, ES
[72] NORIEGA PEREZ, DAVID, ES
[71] ARCELORMITTAL, LU
[85] 2018-06-11
[86] 2016-12-20 (PCT/IB2016/001785)
[87] (WO2017/109561)
[30] IB (PCT/IB2015/002393) 2015-12-22

[21] **3,008,135**
[13] A1
[51] **Int.Cl. H04M 1/24 (2006.01) H04W 24/00 (2009.01) G06Q 30/02 (2012.01) G06Q 10/00 (2012.01) G07F 7/06 (2006.01) H04M 1/725 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR RECYCLING CONSUMER ELECTRONIC DEVICES**
[54] **SYSTEMES ET PROCEDES POUR RECYCLER DES DISPOSITIFS ELECTRONIQUES DE CONSOMMATEUR**
[72] BEANE, JOHN, US
[72] FORUTANPOUR, BABAK, US
[71] ECOATM, INC., US
[85] 2018-06-11
[86] 2016-12-09 (PCT/US2016/065801)
[87] (WO2017/100554)
[30] US (14/967,183) 2015-12-11

[21] **3,008,136**
[13] A1
[51] **Int.Cl. B64C 3/14 (2006.01) B64C 29/00 (2006.01)**
[25] EN
[54] **UNIVERSAL VEHICLE WITH IMPROVED STABILITY FOR SAFE OPERATION IN AIR, WATER AND TERRAIN ENVIRONMENTS**
[54] **VEHICULE UNIVERSEL DOTE DE STABILITE AMELIOREE DESTINE A UN FONCTIONNEMENT SANS DANGER DANS DES ENVIRONNEMENTS AERIEN, AQUATIQUE ET TERRESTRE**
[72] VALENTE, EVANDRO GURGEL DO AMARAL, US
[72] WERELEY, NORMAN M., US
[72] VALENTE, EDUARDO GURGEL DO AMARAL, US
[71] UNIVERSITY OF MARYLAND, COLLEGE PARK, US
[85] 2018-02-27
[86] 2016-08-30 (PCT/US2016/049429)
[87] (WO2017/040493)
[30] US (62/212,312) 2015-08-31

[21] **3,008,137**
[13] A1
[51] **Int.Cl. A61F 5/44 (2006.01) A61F 5/451 (2006.01) A61F 5/453 (2006.01) A61F 5/455 (2006.01) A61F 5/457 (2006.01) A61F 5/458 (2006.01)**
[25] EN
[54] **CONDOM CATHETER**
[54] **ETUI PENIEN**
[72] BUDDHARAJU, VENKATA, US
[71] BUDDHARAJU, VENKATA, US
[85] 2018-06-11
[86] 2016-12-09 (PCT/US2016/065911)
[87] (WO2017/100633)
[30] US (14/964,891) 2015-12-10

[21] **3,008,138**
[13] A1
[51] **Int.Cl. H04W 4/02 (2018.01) H04W 4/00 (2018.01) H04W 4/08 (2009.01) H04W 4/12 (2009.01) H04W 4/16 (2009.01)**
[25] EN
[54] **METHOD, DEVICE, AND SYSTEM FOR CREATING COMMUNICATION GROUPS**
[54] **PROCEDE, DISPOSITIF ET SYSTEME POUR CREER DES GROUPES DE COMMUNICATION**
[72] TRZUPEK, DOMINIK, PL
[72] PROCTOR, LEE M., US
[72] SMIETANA, PAWEL M., PL
[72] WAWROWSKI, MARIUSZ R., PL
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2018-06-11
[86] 2015-12-30 (PCT/PL2015/050078)
[87] (WO2017/116248)

[21] **3,008,139**
[13] A1
[51] **Int.Cl. A61K 31/15 (2006.01) A61K 31/165 (2006.01) C07C 251/86 (2006.01)**
[25] EN
[54] **METHOD OF MODULATING RIBONUCLEOTIDE REDUCTASE**
[54] **METHODE DE MODULATION DE RIBONUCLEOTIDE REDUCTASE**
[72] DEALWIS, CHRIS, US
[71] CASE WESTERN RESERVE UNIVERSITY, US
[85] 2018-06-11
[86] 2016-12-09 (PCT/US2016/065928)
[87] (WO2017/100644)
[30] US (62/265,230) 2015-12-09

[21] **3,008,140**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR GENERATING RECOMMENDATIONS USING A CORPUS OF DATA**
[54] **SYSTEMES ET PROCEDES DE GENERATION DE RECOMMANDATIONS A L'AIDE D'UN CORPUS DE DONNEES**
[72] MERZ, CHRISTOPHER JOHN, US
[72] LO FARO, WALTER F., US
[72] YANG, PENG, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2018-06-11
[86] 2016-12-09 (PCT/US2016/065977)
[87] (WO2017/100677)
[30] US (62/266,419) 2015-12-11

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[21] **3,008,141**
[13] A1
[51] **Int.Cl. A01H 1/00 (2006.01) A01N 63/00 (2006.01) C12N 15/11 (2006.01)**
[25] EN
[54] **RIBOSOMAL PROTEIN L40 (RPL40) NUCLEIC ACID MOLECULES THAT CONFER RESISTANCE TO COLEOPTERAN AND HEMIPTERAN PESTS**
[54] **MOLECULES D'ACIDE NUCLEIQUE DE PROTEINE RIBOSOMIQUE L40 (RPL40) CONFERANT UNE RESISTANCE A DES COLEOPTERES ET A DES HEMIPTERES NUISIBLES**
[72] NARVA, KENNETH E., US
[72] FISHILEVICH, ELANE, US
[72] RANGASAMY, MURUGESAN, US
[72] FREY, MEGHAN L., US
[72] LO, WENDY, US
[72] WORDEN, SARAH E., US
[72] GANDRA, PREMCHAND, US
[71] DOW AGROSCIENCES LLC, US
[85] 2018-06-11
[86] 2016-12-13 (PCT/US2016/066261)
[87] (WO2017/106126)
[30] US (62/269,382) 2015-12-18

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[21] **3,008,142**
[13] A1
[51] **Int.Cl. C12N 15/86 (2006.01) A61K 48/00 (2006.01) C07K 14/705 (2006.01)**
[25] EN
[54] **GENE THERAPY FOR TREATING FAMILIAL HYPERCHOLESTEROLEMIA**
[54] **THERAPIE GENIQUE POUR TRAITER L'HYPERCHOLESTEROLEMIE FAMILIALE**
[72] WILSON, JAMES M., US
[72] RADER, DANIEL J., US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2018-06-11
[86] 2016-12-09 (PCT/US2016/065984)
[87] (WO2017/100682)
[30] US (62/266,383) 2015-12-11
[30] US (62/269,440) 2015-12-18

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[21] **3,008,143**
[13] A1
[51] **Int.Cl. A01K 1/01 (2006.01) A01K 31/04 (2006.01) B65G 23/12 (2006.01) B65G 23/22 (2006.01)**
[25] EN
[54] **POULTRY BELT DRIVE**
[54] **ENTRAINEMENT DE BANDE TRANSPORTEUSE D'AVICULTURE**
[72] KUHLMANN, FRANZ JOSEF, DE
[71] KUHLMANN, FRANZ JOSEF, DE
[85] 2018-06-08
[86] 2016-09-19 (PCT/EP2016/072134)
[87] (WO2017/097451)
[30] EP (PCT/EP2015/079398) 2015-12-11

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[21] **3,008,144**
[13] A1
[51] **Int.Cl. A47L 13/258 (2006.01) A47L 13/144 (2006.01) A47L 13/146 (2006.01) A47L 13/20 (2006.01) A47L 13/24 (2006.01)**
[25] EN
[54] **MOP HEAD AND SELF-WRINGING MOP APPARATUS AND ASSEMBLY AND METHOD OF WRINGING A MOP**
[54] **TETE DE BALAI A LAVER ET APPAREIL D'ESSORAGE AUTOMATIQUE DE BALAI A LAVER, ET ENSEMBLE ET PROCEDE D'ESSORAGE D'UN BALAI A LAVER**
[72] LECOMPTE, PHILLIP, US
[72] STEWART, KRISTIN, US
[71] MICRONOVA MANUFACTURING, INC., US
[85] 2018-06-11
[86] 2016-12-09 (PCT/US2016/065992)
[87] (WO2017/100687)
[30] US (62/265,386) 2015-12-09

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[21] **3,008,145**
[13] A1
[51] **Int.Cl. D01F 1/10 (2006.01) D04H 1/435 (2012.01) D04H 3/011 (2012.01)**
[25] EN
[54] **POLYLACTIC ACID-FIBERS BASED NON-WOVEN, METHOD FOR MANUFACTURING THEREOF**
[54] **NON-TISSE A BASE DE FIBRES D'ACIDE POLYLACTIQUE, ET PROCEDE DE FABRICATION DE CELUI-CI**
[72] VOLPE, RAYMOND, US
[72] PICARD, EMILIE, FR
[72] COLLINS, STEPHEN, GB
[71] AHLSTROM-MUNKSJO OYJ, FI
[71] VOLPE, RAYMOND, US
[85] 2018-06-11
[86] 2016-12-13 (PCT/US2016/066380)
[87] (WO2017/106191)
[30] FR (1562319) 2015-12-14
[30] EP (PCT/EP2015/079653) 2015-12-14

[21] **3,008,146**
[13] A1
[51] **Int.Cl. A61B 5/0402 (2006.01) A61B 5/0452 (2006.01)**
[25] EN
[54] **MOBILE CARDIAC MONITORING DEVICE**
[54] **DISPOSITIF DE SURVEILLANCE CARDIAQUE MOBILE**
[72] SCHRECK, DAVID M., US
[72] SCHRECK, BRAD S., US
[72] SCHRECK, ANDREW J., US
[72] VAN LAAR, MICHAEL G., US
[71] VECTRACOR, INC., US
[85] 2018-06-11
[86] 2016-12-14 (PCT/US2016/066502)
[87] (WO2017/116703)
[30] US (14/984,838) 2015-12-30

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[21] **3,008,147**
[13] A1
[51] **Int.Cl. A61K 31/404 (2006.01) A61K 9/00 (2006.01) A61K 9/107 (2006.01)**
[25] EN
[54] **METHODS AND FORMULATIONS FOR TREATING VASCULAR DISEASE**
[54] **METHODES ET FORMULATIONS POUR LE TRAITEMENT D'UNE MALADIE VASCULAIRE**
[72] SINGH, JAIPAL, US
[71] ENDOPERFUSION SOLUTIONS, LLC, US
[85] 2018-06-11
[86] 2016-12-12 (PCT/US2016/066167)
[87] (WO2017/100767)
[30] US (62/265,676) 2015-12-10

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[21] **3,008,148**
[13] A1
[51] **Int.Cl. F03B 13/10 (2006.01) F03B 13/12 (2006.01) F03B 13/14 (2006.01) F03B 13/16 (2006.01) F03B 13/20 (2006.01)**
[25] EN
[54] **TETHERED BALLAST SYSTEMS FOR POINT ABSORBING WAVE ENERGY CONVERTERS AND METHOD OF USE THEREOF**
[54] **SYSTEMES DE BALLAST AMARRES POUR CONVERTISSEURS D'ENERGIE DES VAGUES A ABSORBEUR PONCTUEL ET LEUR PROCEDE D'UTILISATION**
[72] MACDONALD, DANIEL G., US
[71] UNIVERSITY OF MASSACHUSETTS, US
[85] 2018-06-11
[86] 2016-12-09 (PCT/US2016/065840)
[87] (WO2017/100582)
[30] US (62/266,217) 2015-12-11

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[21] **3,008,150**
[13] A1
[51] **Int.Cl. A23G 4/00 (2006.01)**
[25] EN
[54] **COLOR INDICATING FORMULATIONS**
[54] **FORMULATIONS A INDICATEUR DE COULEUR**
[72] RAMIREZ, LILIAN, US
[72] MARTIN, PENNY, US
[72] TIAN, MINMIN, US
[71] WM. WRIGLEY JR. COMPANY, US
[85] 2018-06-11
[86] 2016-12-12 (PCT/US2016/066206)
[87] (WO2017/100784)
[30] US (62/266,503) 2015-12-11

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[21] **3,008,152**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01) G06F 15/16 (2006.01)**
[25] EN
[54] **DATABASE MANAGEMENT FOR A LOGICAL REGISTRY**
[54] **GESTION DE BASE DE DONNEES POUR UN REGISTRE LOGIQUE**
[72] HUSSAM, ALI ADEL, US
[72] WOOD, ANDREA, US
[71] UNIVERSAL RESEARCH SOLUTIONS, LLC, US
[85] 2018-06-11
[86] 2016-12-09 (PCT/US2016/065877)
[87] (WO2017/100609)
[30] US (62/265,205) 2015-12-09
[30] US (15/204,818) 2016-07-07

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[21] **3,008,154**
[13] A1
[51] **Int.Cl. G08B 13/14 (2006.01) F41H 9/10 (2006.01) F41H 11/00 (2006.01)**
[25] EN
[54] **NON-LETHAL WEAPON FIXTURE AND A METHOD OF DEFENSE WITH A NON-LETHAL WEAPON**
[54] **ACCESSOIRE D'ARME NON LETALE ET METHODE DE DEFENSE A L'AIDE D'UNE ARME NON LETALE**
[72] FASONE, SAMUEL, US
[71] FASONE, SAMUEL, US
[85] 2018-06-11
[86] 2016-12-12 (PCT/US2016/066219)
[87] (WO2017/164944)
[30] US (62/266,287) 2015-12-11

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[21] **3,008,156**
[13] A1
[51] **Int.Cl. C12N 1/20 (2006.01)**
[25] EN
[54] **METHOD FOR CULTURING AND PRESERVING EUBACTERIUM HALLII**
[54] **PROCEDE DE CULTURE ET CONSERVATION D'EUBACTERIUM HALLII**
[72] DE VOS, WILLEM MEINDERT, NL
[72] SEEGERS, JOZEF FRANCISCUS MARIA LOUIS, NL
[71] CAELUS PHARMACEUTICALS B.V., NL
[85] 2018-06-11
[86] 2017-01-02 (PCT/NL2017/050001)
[87] (WO2017/116235)
[30] NL (2016055) 2015-12-31

[21] **3,008,157**
[13] A1
[51] **Int.Cl. E04F 15/02 (2006.01)**
[25] EN
[54] **A METHOD FOR PRODUCING A MECHANICAL LOCKING SYSTEM FOR PANELS**
[54] **PROCEDE DE PRODUCTION D'UN SYSTEME DE VERROUILLAGE MECANIQUE DESTINE A DES PANNEAUX**
[72] BOO, CHRISTIAN, SE
[72] JOSEFSSON, PER, SE
[71] VALINGE INNOVATION AB, SE
[85] 2018-06-11
[86] 2016-12-15 (PCT/SE2016/051272)
[87] (WO2017/105335)
[30] SE (1551670-1) 2015-12-17

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[21] **3,008,160**
[13] A1
[51] **Int.Cl. H01M 8/2475 (2016.01) H01M 8/248 (2016.01) H01M 8/1018 (2016.01)**
[25] EN
[54] **FUEL CELL STACK HOUSING**
[54] **LOGEMENT D'EMPILEMENT DE PILES A COMBUSTIBLE**
[72] TINGELOF, THOMAS, SE
[71] POWERCELL SWEDEN AB, SE
[85] 2018-06-11
[86] 2016-12-22 (PCT/SE2016/051308)
[87] (WO2017/131569)
[30] SE (1650092-8) 2016-01-27

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[21] **3,008,161**
[13] A1
[51] **Int.Cl. A61B 17/70 (2006.01)**
[25] EN
[54] **SPINE ALIGNMENT SYSTEM**
[54] **SYSTEME D'ALIGNEMENT DE COLONNE VERTEBRALE**
[72] HEFLIN, JOHN A., US
[71] HEFLIN, JOHN A., US
[85] 2018-06-11
[86] 2015-12-09 (PCT/US2015/064842)
[87] (WO2016/094588)
[30] US (62/089,725) 2014-12-09
[30] US (62/180,870) 2015-06-17

---

[21] **3,008,162**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) C12N 5/0783 (2010.01) A61K 35/17 (2015.01) C07K 14/705 (2006.01) C07K 16/46 (2006.01) C12N 15/62 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **BISPECIFIC OR-GATE CHIMERIC ANTIGEN RECEPTOR RESPONSIVE TO CD19 AND CD20**
[54] **RECEPTEUR D'ANTIGENE CHIMERE DE TYPE PORTE OU BISPECIFIQUE SENSIBLE A CD19 ET A CD20**
[72] CHEN, YVONNE Y., US
[72] ZAH, EUGENIA, US
[72] JENSEN, MICHAEL C., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[71] SEATTLE CHILDREN'S HOSPITAL DBA SEATTLE CHILDREN'S RESEARCH INSTITUTE, US
[85] 2018-06-11
[86] 2015-12-14 (PCT/US2015/065620)
[87] (WO2016/100232)
[30] US (62/091,854) 2014-12-15

---

[21] **3,008,163**
[13] A1
[51] **Int.Cl. G02B 3/00 (2006.01) B42D 25/324 (2014.01) G02B 3/08 (2006.01) G02B 27/60 (2006.01)**
[25] EN
[54] **SINGLE LAYER IMAGE PROJECTION FILM**
[54] **FILM DE PROJECTION D'IMAGE MONOCOUCHE**
[72] CAPE, SAMUEL M., US
[72] STEENBLIK, RICHARD A., US
[72] JORDAN, GREGORY R., US
[71] VISUAL PHYSICS, LLC, US
[85] 2018-06-11
[86] 2015-12-18 (PCT/US2015/066807)
[87] (WO2017/105504)

---

[21] **3,008,164**
[13] A1
[51] **Int.Cl. H04L 5/00 (2006.01) H04W 72/14 (2009.01) H04W 4/00 (2018.01)**
[25] EN
[54] **UPLINK GRANTS FOR NARROWBAND INTERNET-OF-THINGS**
[54] **AUTORISATIONS DE LIAISON MONTANTE POUR L'INTERNET DES OBJETS DE BANDE ETROITE**
[72] RICO ALVARINO, ALBERTO, US
[72] GAAL, PETER, US
[72] XU, HAO, US
[72] CHEN, WANSHI, US
[72] WANG, XIAOFENG, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-06-11
[86] 2016-12-16 (PCT/US2016/067274)
[87] (WO2017/127192)
[30] US (62/280,679) 2016-01-19
[30] US (15/345,540) 2016-11-08

---

[21] **3,008,165**
[13] A1
[51] **Int.Cl. B29C 31/02 (2006.01) B29B 9/00 (2006.01) B29C 43/34 (2006.01) B29C 47/10 (2006.01) B29C 47/18 (2006.01)**
[25] EN
[54] **LOW PROFILE RECEIVER**
[54] **RECEPTEUR PROFIL BAS**
[72] MAGUIRE, STEPHEN B., US
[71] MAGUIRE, STEPHEN B., US
[85] 2018-06-11
[86] 2016-12-29 (PCT/US2016/069089)
[87] (WO2017/136074)
[30] US (15/012,001) 2016-02-01

---

[21] **3,008,166**
[13] A1
[51] **Int.Cl. B28C 7/04 (2006.01) B28C 7/06 (2006.01) B28C 7/16 (2006.01) B28C 9/04 (2006.01) E04G 21/04 (2006.01)**
[25] EN
[54] **MOBILE TRANSFER STATION FOR FLOWABLE MATERIAL**
[54] **STATION MOBILE DE TRANSFERT POUR MATERIAU COULANT**
[72] OZINGA, JUSTIN A., US
[71] OZINGA READY MIX CONCRETE, INC., US
[85] 2018-06-11
[86] 2017-04-21 (PCT/US2017/000027)
[87] (WO2017/196409)
[30] US (62/333,968) 2016-05-10
[30] US (15/484,179) 2017-04-11

[21] **3,008,167**
[13] A1
[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/4418 (2006.01) A61K 31/4427 (2006.01) A61P 3/00 (2006.01) A61P 9/10 (2006.01) A61P 11/06 (2006.01) C07D 213/38 (2006.01) C07D 405/12 (2006.01)**
[25] EN
[54] **SUBSTITUTED 4-PHENYL PYRIDINE COMPOUNDS AS NON-SYSTEMIC TGR5 AGONISTS**
[54] **UTILISATION DE COMPOSES 4-PHENYL PYRIDINE SUBSTITUES EN TANT QU'AGONISTES NON SYSTEMIQUES DU TGR5**
[72] LEWIS, JASON G., US
[72] LEADBETTER, MICHAEL ROBERT, US
[72] CALDWELL, JEREMY, US
[72] DRAGOLI, DEAN, US
[72] BELL, NOAH, US
[72] JACOBS, JEFFREY W., US
[72] FINN, PATRICIA, US
[72] JAIN, RAKESH, US
[72] CHEN, TAO, US
[72] SIEGEL, MATTHEW, US
[71] ARDELYX, INC., US
[85] 2018-06-11
[86] 2016-12-19 (PCT/US2016/067460)
[87] (WO2017/106818)
[30] US (62/269,804) 2015-12-18
[30] US (62/419,939) 2016-11-09

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[21] **3,008,168**
[13] A1
[51] **Int.Cl. G01N 21/90 (2006.01) A61M 5/31 (2006.01) G01M 3/38 (2006.01) G01M 13/00 (2006.01) G01N 21/952 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETECTING SYRINGE SEAL DEFECTS**
[54] **SYSTEMES ET PROCEDES DE DETECTION DE DEFAUTS DE JOINT DE SERINGUE**
[72] RUSCH, GREG, US
[72] MURPHY, KEVIN N., US
[71] W.L. GORE & ASSOCIATES, INC., US
[85] 2018-06-11
[86] 2017-01-13 (PCT/US2017/013294)
[87] (WO2017/123838)
[30] US (62/279,009) 2016-01-15
[30] US (15/404,967) 2017-01-12

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[21] **3,008,169**
[13] A1
[51] **Int.Cl. H04W 74/00 (2009.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR SELECTING ENHANCED DISTRIBUTED CHANNEL ACCESS PARAMETERS FOR DIFFERENT STATIONS**
[54] **PROCEDES ET APPAREILS DESTINES A LA SELECTION DES PARAMETRES D'ACCES A UN CANAL DISTRIBUE AMELIORE SERVANT DIFFERENTES STATIONS**
[72] ZHOU, YAN, US
[72] MERLIN, SIMONE, US
[72] BARRIAC, GWENDOLYN DENISE, US
[72] ASTERJADHI, ALFRED, US
[72] CHERIAN, GEORGE, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-06-11
[86] 2017-01-13 (PCT/US2017/013451)
[87] (WO2017/123952)
[30] US (62/278,268) 2016-01-13
[30] US (15/405,218) 2017-01-12

---

[21] **3,008,170**
[13] A1
[51] **Int.Cl. A61K 31/395 (2006.01) A61K 31/19 (2006.01) A61K 31/192 (2006.01) A61K 31/55 (2006.01) A61P 25/08 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR THE TREATMENT OF SEIZURE-RELATED DISORDERS**
[54] **METHODES ET COMPOSITIONS DESTINES AU TRAITEMENT DE TROUBLES LIES A DES CRISES EPILEPTIQUES**
[72] NGUYEN, JACK, US
[72] CHERNOFF, DAVID, US
[72] GHOSH, SANGITA, US
[72] WENT, GREGORY T., US
[72] FULTZ, TIMOTHY J., US
[71] ADAMAS PHARMACEUTICALS, INC., US
[85] 2018-06-11
[86] 2016-12-30 (PCT/US2016/069581)
[87] (WO2017/117569)
[30] US (62/273,187) 2015-12-30

---

[21] **3,008,171**
[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/519 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) C07D 221/04 (2006.01) C07D 239/94 (2006.01) C07D 401/04 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01) C07D 407/14 (2006.01) C07D 409/14 (2006.01) C07D 413/14 (2006.01) C07D 473/30 (2006.01) C07D 495/04 (2006.01) C07D 495/14 (2006.01)**
[25] EN
[54] **COMPOUNDS FOR THE TREATMENT OF CANCER AND INFLAMMATORY DISEASE**
[54] **COMPOSES POUR LE TRAITEMENT DU CANCER ET DE MALADIES INFLAMMATOIRES**
[72] HADARI, YARON R., US
[72] CARTA, LUCA, US
[72] SCHMERTZLER, MICHAEL, US
[72] WILLIAMS, THERESA M., US
[72] REYNOLDS, CHARLES H., US
[71] SHY THERAPEUTICS LLC, US
[85] 2018-06-11
[86] 2016-12-21 (PCT/US2016/068032)
[87] (WO2017/112777)
[30] US (62/271,185) 2015-12-22

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[21] **3,008,172**
[13] A1
[51] **Int.Cl. B09B 3/00 (2006.01) F27D 99/00 (2010.01) C03B 5/00 (2006.01) C03B 5/027 (2006.01) F16J 15/46 (2006.01) F16J 15/48 (2006.01) H05B 7/12 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR AN ELECTRODE SEAL ASSEMBLY**
[54] **SYSTEME ET PROCEDE POUR ENSEMBLE JOINT D'ELECTRODE**
[72] CAMPBELL, BRETT, US
[72] SHEARER, CRAIG, US
[72] FINUCANE, KEVIN, US
[72] WOOSLEY, STEVE, US
[72] DYSLAND, ERIC, US
[71] KURION, INC., US
[85] 2018-06-11
[86] 2016-12-22 (PCT/US2016/068287)
[87] (WO2017/116978)
[30] US (62/272,604) 2015-12-29

[21] **3,008,173**
[13] A1
[51] **Int.Cl. H01M 4/86 (2006.01) H01M 8/04089 (2016.01) C25B 9/20 (2006.01) C25B 15/08 (2006.01) H01M 4/62 (2006.01) H01M 4/88 (2006.01) H01M 4/96 (2006.01) H01M 8/10 (2016.01) H01M 8/24 (2016.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR THE CO-PRODUCTION OF OXALIC ACID AND ACETIC ACID**
[54] **SYSTEME ET PROCEDE DE CO-PRODUCTION D'ACIDE OXALIQUE ET D'ACIDE ACETIQUE**
[72] COLE, EMILY BARTON, US
[72] PARAJULI, RISHI, US
[72] TANIELYAN, SETRAK, US
[72] MORE, SANTOSH R., US
[72] MIRYALA, BALARAJU, US
[71] AVANTIUM HOLDING B.V., NL
[85] 2018-06-11
[86] 2016-12-22 (PCT/US2016/068424)
[87] (WO2017/112900)
[30] US (62/271,221) 2015-12-22

---

[21] **3,008,174**
[13] A1
[51] **Int.Cl. E21B 41/00 (2006.01) E21B 7/14 (2006.01) E21B 7/15 (2006.01)**
[25] EN
[54] **ELECTRICAL CONVEYANCE FOR DOWNHOLE TOOLS**
[54] **SYSTEME DE TRANSPORT D'ENERGIE ELECTRIQUE POUR OUTILS DE FOND DE TROU**
[72] SITKA, MARK A., US
[72] AGNIHOTRI, MUKUL M., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[71] CHEVRON U.S.A. INC., US
[85] 2018-06-11
[86] 2016-02-08 (PCT/US2016/016997)
[87] (WO2017/138914)

---

[21] **3,008,175**
[13] A1
[51] **Int.Cl. A61K 35/74 (2015.01) A23C 9/123 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS OF USE OF NOVEL STRAINS OF LACTOBACILLUS FERMENTUM**
[54] **COMPOSITIONS ET PROCEDES D'UTILISATION DE NOUVELLES SOUCHES DE LACTOBACILLUS FERMENTUM**
[72] VALLEJO GALLAND, BELINDA, MX
[72] GONZALEZ CORDOVA, AARON FERNANDO, MX
[72] FEREGRINO QUEZADA, JOSE ANTONIO, MX
[72] FEREGRINO QUEZADA, JUAN CARLOS, MX
[71] DAIRY A DAY INC., US
[85] 2018-06-11
[86] 2016-12-23 (PCT/US2016/068557)
[87] (WO2017/112945)
[30] US (62/387,474) 2015-12-24

---

[21] **3,008,176**
[13] A1
[51] **Int.Cl. G06F 19/28 (2011.01) G06F 19/22 (2011.01)**
[25] EN
[54] **GENOMIC INFRASTRUCTURE FOR ON-SITE OR CLOUD-BASED DNA AND RNA PROCESSING AND ANALYSIS**
[54] **INFRASTRUCTURE GENOMIQUE POUR TRAITEMENT ET ANALYSE D'ADN OU D'ARN SUR SITE OU EN NUAGE**
[72] VAN ROOYEN, PIETER, US
[72] MCMILLEN, ROBERT J., US
[72] RUEHLE, MICHAEL, US
[72] MEHIO, RAMI, US
[71] EDICO GENOME, CORP., US
[85] 2018-06-11
[86] 2017-01-11 (PCT/US2017/013057)
[87] (WO2017/123664)
[30] US (62/277,445) 2016-01-11

---

[21] **3,008,177**
[13] A1
[51] **Int.Cl. H04W 72/12 (2009.01) H04W 74/00 (2009.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR SELECTING ENHANCED DISTRIBUTED CHANNEL ACCESS PARAMETERS FOR DIFFERENT STATIONS**
[54] **PROCEDES ET APPAREIL POUR SELECTIONNER DES PARAMETRES, DISTRIBUES ET AMELIORES, D'ACCES A DES CANAUX POUR DIFFERENTES STATIONS**
[72] ZHOU, YAN, US
[72] MERLIN, SIMONE, US
[72] BARRIAC, GWENDOLYN DENISE, US
[72] ASTERJADHI, ALFRED, US
[72] CHERIAN, GEORGE, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-06-11
[86] 2017-01-13 (PCT/US2017/013437)
[87] (WO2017/123947)
[30] US (62/278,268) 2016-01-13
[30] US (15/405,232) 2017-01-12

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[21] **3,008,178**
[13] A1
[51] **Int.Cl. A61N 2/00 (2006.01) A61N 2/02 (2006.01)**
[25] EN
[54] **DEVICE FOR GENERATING ALTERNATING MAGNETIC FIELDS FOR INDUCING EDDY CURRENTS IN AN ORGANISM**
[54] **DISPOSITIF SERVANT A GENERER DES CHAMPS MAGNETIQUES ALTERNATIFS AFIN D'INDUIRE DES COURANTS DE FOUCAULT DANS UN ORGANISME**
[72] NEUWIRTH, GERALD, AT
[71] CLEANHEARING INC., US
[85] 2018-06-12
[86] 2016-12-07 (PCT/AT2016/000098)
[87] (WO2017/106884)
[30] AT (A 820/2015) 2015-12-23
[30] AT (A 430/2016) 2016-09-20

[21] **3,008,179**
[13] A1
[51] **Int.Cl. E21D 21/00 (2006.01) E21D 20/00 (2006.01) F16B 13/06 (2006.01)**
[25] EN
[54] **FRICTION BOLT ASSEMBLY**
[54] **ENSEMBLE BOULON A FRICTION**
[72] EVANS, DAVID WILLIAM, AU
[71] DYWIDAG-SYSTEMS INTERNATIONAL PTY LIMITED, AU
[85] 2018-06-12
[86] 2016-12-09 (PCT/AU2016/000392)
[87] (WO2017/100818)
[30] AU (2015905219) 2015-12-16

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[21] **3,008,180**
[13] A1
[51] **Int.Cl. A61F 9/008 (2006.01) A61B 18/20 (2006.01)**
[25] EN
[54] **PATTERN LASER**
[54] **LASER A MOTIF**
[72] XIA, WEI, AU
[72] BENSON, ERIC, AU
[72] OOI, YONG MIN, AU
[72] PREVIN, VICTOR, AU
[72] DIXON, TIMOTHY, AU
[71] ELLEX MEDICAL PTY LTD, AU
[85] 2018-06-12
[86] 2016-12-14 (PCT/AU2016/051228)
[87] (WO2017/100839)
[30] AU (2015905168) 2015-12-14

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[21] **3,008,181**
[13] A1
[51] **Int.Cl. H05B 6/00 (2006.01) H02G 7/16 (2006.01)**
[25] EN
[54] **CLIMATE RESPONSIVE TRANSMISSION LINES**
[54] **LIGNES DE TRANSMISSION REAGISSANT AU CLIMAT**
[72] LI, SEAN SUIXIANG, AU
[72] ZENG, RONG, AU
[71] NEWSOUTH INNOVATIONS PTY LIMITED, AU
[85] 2018-06-12
[86] 2016-12-16 (PCT/AU2016/051241)
[87] (WO2017/100851)
[30] AU (2015905212) 2015-12-16

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[21] **3,008,182**
[13] A1
[51] **Int.Cl. C07K 14/575 (2006.01) A61K 38/22 (2006.01) A61P 3/10 (2006.01) A61P 5/48 (2006.01) A61P 5/50 (2006.01) A61P 9/10 (2006.01) A61P 25/28 (2006.01) C07K 1/113 (2006.01)**
[25] EN
[54] **NON-AGGLOMERATING BIOCONJUGATES OF AMYLIN AND AMYLIN-MIMETIC COMPOUNDS, COMPOSITIONS COMPRISING THE SAME, AND MAKING AND USE THEREOF**
[54] **BIOCONJUGUES NON AGGLOMERANTS D'AMYLINE ET DE COMPOSES MIMETIQUES DE L'AMYLINE, COMPOSITIONS CONTENANT LESDITS CONJUGUES, LEUR PREPARATION ET LEUR UTILISATION**
[72] DA ROCHA E LIMA, LUIS MAURICIO TRAMBAIOLI, BR
[72] ROSADO, LUIZ HENRIQUE GUERREIRO, BR
[72] GUTERRES, MARIANA FERNANDES DE AVILA NETTO, BR
[72] FERREIRA, BRUNO MELO VIEIRA GONCALVES, BR
[71] UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, BR
[71] UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, BR
[85] 2018-06-12
[86] 2016-12-14 (PCT/BR2016/050330)
[87] (WO2017/100896)
[30] BR (BR1020150312830) 2015-12-14

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[21] **3,008,183**
[13] A1
[51] **Int.Cl. G06F 19/10 (2011.01) G06F 19/18 (2011.01) C12N 15/10 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **A NATURAL PRODUCT AND GENETIC DATA ANALYSIS AND DISCOVERY SYSTEM, METHOD AND COMPUTATIONAL PLATFORM THEREFOR**
[54] **SYSTEME D'ANALYSE ET DE DECOUVERTE DE PRODUITS NATURELS ET DE DONNEES GENETIQUES, PROCEDE ET PLATEFORME DE CALCUL A CET EFFET**
[72] NISHATH, MERWIN, CA
[72] DEJONG, CHRIS, CA
[72] JOHNSTON, CHAD, US
[72] CHEN, GREGORY, CA
[72] LI, HAOXIN, CA
[72] SKINNIDER, MICHAEL, CA
[72] EDWARDS, MCLEAN, CA
[72] MAGARVEY, NATHAN, CA
[72] REES, PHIL, CA
[71] MCMASTER UNIVERSITY, CA
[85] 2018-06-12
[86] 2016-12-14 (PCT/CA2016/051472)
[87] (WO2017/100917)
[30] US (62/266,865) 2015-12-14
[30] US (62/359,795) 2016-07-08
[30] US (62/359,803) 2016-07-08

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[21] **3,008,184**
[13] A1
[51] **Int.Cl. G01D 5/48 (2006.01) H04B 17/30 (2015.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SENSING AN ENVIRONMENT WITH WIRELESS COMMUNICATION SIGNALS**
[54] **SYSTEMES ET PROCEDES DE DETECTION D'UN ENVIRONNEMENT AVEC DES SIGNAUX DE COMMUNICATIONS SANS FIL**
[72] ALLEGUE MARTINEZ, MICHEL, CA
[72] CHEN, XI, CA
[71] AERIAL TECHNOLOGIES INC., CA
[85] 2018-06-12
[86] 2017-02-01 (PCT/CA2017/050116)
[87] (WO2017/132765)
[30] US (62/291,238) 2016-02-04

[21] **3,008,185**
[13] A1
[51] **Int.Cl. A61K 38/48 (2006.01) A61P 7/02 (2006.01)**
[25] EN
[54] **METHOD FOR PREVENTION OR TREATMENT OF ACUTE AND CHRONIC THROMBOSIS**
[54] **METHODE DE PREVENTION OU DE TRAITEMENT DE LA THROMBOSE AIGUE ET CHRONIQUE**
[72] LI, JINAN, CN
[71] TALENGEN INTERNATIONAL LIMITED, CN
[85] 2018-06-12
[86] 2016-12-16 (PCT/CN2016/110448)
[87] (WO2017/101866)
[30] CN (PCT/CN2015/097941) 2015-12-18

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[21] **3,008,186**
[13] A1
[51] **Int.Cl. A61K 38/48 (2006.01)**
[25] EN
[54] **NOVEL METHOD FOR PREVENTING AND TREATING ANGIOCARDIOPATHY**
[54] **NOUVELLE METHODE POUR PREVENIR ET TRAITER UNE MALADIE CARDIOVASCULAIRE**
[72] LI, JINAN, CN
[71] TALENGEN INTERNATIONAL LIMITED, CN
[85] 2018-06-12
[86] 2016-12-16 (PCT/CN2016/110453)
[87] (WO2017/101871)
[30] CN (PCT/CN2015/097947) 2015-12-18

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[21] **3,008,187**
[13] A1
[51] **Int.Cl. F17C 13/02 (2006.01)**
[25] EN
[54] **MONITORING APPARATUS FOR PRESSURE VESSELS**
[54] **APPAREIL DE SURVEILLANCE POUR RECIPIENTS SOUS PRESSION**
[72] LAMBERT, PIERS, GB
[72] PEREZ DE ALEJO FORTUN, RIGOBERTO, GB
[71] LINDE AKTIENGESELLSCHAFT, DE
[85] 2018-06-12
[86] 2016-12-08 (PCT/EP2016/080243)
[87] (WO2017/102537)
[30] GB (1522457.9) 2015-12-18

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[21] **3,008,188**
[13] A1
[51] **Int.Cl. A61B 17/82 (2006.01)**
[25] EN
[54] **STERNAL CLOSURE ASSEMBLY**
[54] **ENSEMBLE DE FERMETURE DU STERNUM**
[72] LLAS VARGAS, SALVADOR, ES
[72] GARCIA ROIG, PAU, ES
[72] SERRAHIMA TORNEL, MARC, ES
[71] NEOS SURGERY, S.L., ES
[85] 2018-06-12
[86] 2016-12-15 (PCT/EP2016/081129)
[87] (WO2017/102915)
[30] US (14/971,294) 2015-12-16

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[21] **3,008,189**
[13] A1
[51] **Int.Cl. A61C 1/08 (2006.01) A61B 17/32 (2006.01)**
[25] EN
[54] **DENTAL SURGERY GUIDE SYSTEM**
[54] **SYSTEME DE GUIDAGE POUR CHIRURGIE DENTAIRE**
[72] DE MOYER, PHILIPPE, BE
[71] 2INGIS S.A., BE
[85] 2018-06-12
[86] 2016-12-12 (PCT/EP2016/080635)
[87] (WO2017/102646)
[30] LU (92907) 2015-12-14

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[21] **3,008,191**
[13] A1
[51] **Int.Cl. B32B 5/02 (2006.01) B26D 7/00 (2006.01) B26F 1/38 (2006.01) B32B 5/26 (2006.01) B32B 27/12 (2006.01) B32B 37/04 (2006.01)**
[25] EN
[54] **SHEET MATERIAL AND PUNCHING TAPE CONTAINING SAME**
[54] **MATERIAU EN FEUILLE ET POINCONNAGE DE RUBAN LE CONTENANT**
[72] LEHMANN, ANDREAS, CH
[72] TROESCH, ROLAND, DE
[72] TYLER, MICHAEL, GB
[72] NIEDERBERGER, MARKUS, CH
[72] HEIMEN, ANTON, CH
[72] WHITEHEAD, BRENT, GB
[72] WRIGHT, MARSHALL, SE
[71] HABASIT AG, CH
[85] 2018-06-12
[86] 2016-12-14 (PCT/EP2016/080863)
[87] (WO2017/102768)
[30] EP (15199830.9) 2015-12-14

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[21] **3,008,192**
[13] A1
[51] **Int.Cl. A61K 39/25 (2006.01) A61P 33/06 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **IMMUNOGENIC CONSTRUCT COMPRISING AN EBV-CELL ANTIGEN AND A TARGETING MOIETY AND APPLICATIONS THEREOF**
[54] **PRODUIT DE RECOMBINAISON IMMUNOGENE COMPRENANT UN ANTIGENE DE CELLULE EBV ET UNE FRACTION DE CIBLAGE SES APPLICATIONS**
[72] CHENE, ARNAUD, FR
[72] GAMAIN, BENOIT, FR
[72] GANGNARD, STEPHANE, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[71] UNIVERSITE PARIS DIDEROT PARIS 7, FR
[71] INSTITUT NATIONAL TRANSFUSION SANGUINE, FR
[85] 2018-06-12
[86] 2016-12-15 (PCT/EP2016/081309)
[87] (WO2017/103020)
[30] EP (15307014.9) 2015-12-15

---

[21] **3,008,193**
[13] A1
[51] **Int.Cl. G01N 31/00 (2006.01) G01N 31/12 (2006.01)**
[25] EN
[54] **METHOD FOR DETECTING AND QUANTIFYING OXYGEN IN OXIDIZABLE COMPOUNDS**
[54] **PROCEDE PERMETTANT DE DETECTER ET DE QUANTIFIER L'OXYGENE DANS DES COMPOSES OXYDABLES**
[72] GIUSTI, PIERRE, FR
[72] RUIZ ENCINAR, JORGE, ES
[72] MOLDOVAN, MARIELLA, ES
[72] BOUYSSIERE, BRICE, FR
[71] TOTAL RAFFINAGE CHIMIE, FR
[71] UNIVERSIDAD DE OVIEDO, ES
[71] UNIVERSITE DE PAU ET DES PAYS DE L'ADOUR, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[85] 2018-06-12
[86] 2016-12-14 (PCT/EP2016/080892)
[87] (WO2017/114654)
[30] EP (15382670.6) 2015-12-29

[21] **3,008,194**
[13] A1
[51] **Int.Cl. C08L 23/12 (2006.01) C08L 23/14 (2006.01)**
[25] EN
[54] **LIGHT WEIGHT FIBER REINFORCED POLYPROPYLENE COMPOSITION**
[54] **COMPOSITION DE POLYPROPYLENE RENFORCEE PAR FIBRES LEGERE**
[72] DIX, ALBRECHT, NO
[72] HARTL, ANNA, AT
[72] MITTER, FRANZ, AT
[71] BOREALIS AG, AT
[85] 2018-06-12
[86] 2016-12-20 (PCT/EP2016/081854)
[87] (WO2017/108746)
[30] EP (15202256.2) 2015-12-23

---

[21] **3,008,195**
[13] A1
[51] **Int.Cl. A61K 35/74 (2015.01) A61P 1/16 (2006.01)**
[25] EN
[54] **TREATMENT OF INTRAHEPATIC CHOLESTASIS AND RELATED LIVER DISEASES**
[54] **TRAITEMENT DE LA CHOLESTASE INTRAHEPATIQUE ET DE MALADIES HEPATIQUES APPARENTEES**
[72] KARLSSON, FREDRIK, SE
[72] MOLLSTAM, BO, SE
[71] METABOGEN AB, SE
[85] 2018-06-12
[86] 2016-12-14 (PCT/EP2016/080941)
[87] (WO2017/102816)
[30] US (62/266,771) 2015-12-14

---

[21] **3,008,197**
[13] A1
[51] **Int.Cl. A61K 31/00 (2006.01) A61K 9/16 (2006.01) A61K 9/20 (2006.01) A61K 9/50 (2006.01)**
[25] EN
[54] **PULSATILE RELEASE PHARMACEUTICAL COMPOSITION COMPRISING NAFTAZONE OR ONE OF ITS SALTS**
[54] **COMPOSITION PHARMACEUTIQUE A LIBERATION PULSATILE COMPRENANT DE LA NAFTAZONE OU UN DE SES SELS**
[72] BRICOUT, DENIS, FR
[72] WANG EP. ZHANG, XIUPING, FR
[71] CLEVEXEL PHARMA, AF
[85] 2018-06-12
[86] 2016-12-14 (PCT/EP2016/081007)
[87] (WO2017/102846)
[30] EP (15307026.3) 2015-12-16

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[21] **3,008,198**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 7/04 (2006.01) C07K 16/36 (2006.01)**
[25] EN
[54] **GLYCOPROTEIN V INHIBITORS FOR USE AS COAGULANTS**
[54] **INHIBITEURS DE LA GLYCOPROTEINE V POUR UNE UTILISATION EN TANT QUE COAGULANTS**
[72] NIESWANDT, BERNHARD, DE
[72] BECK, SARAH, DE
[72] STEGNER, DAVID, DE
[71] JULIUS-MAXIMILIANS-UNIVERSITAT WURZBURG, DE
[85] 2018-06-12
[86] 2016-12-23 (PCT/EP2016/082572)
[87] (WO2017/109180)
[30] EP (15202582.1) 2015-12-23

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[21] **3,008,199**
[13] A1
[51] **Int.Cl. G06F 21/12 (2013.01) G06F 21/16 (2013.01) G06F 21/54 (2013.01) G06F 21/55 (2013.01) H04L 9/32 (2006.01)**
[25] EN
[54] **SECURING WEBPAGES, WEBAPPS AND APPLICATIONS**
[54] **SECURISATION DE PAGES WEB, D'APPLIS WEB ET D'APPLICATIONS**
[72] GIDLEY, BENJAMIN GEOFFREY, NL
[72] CHAMBERS, CATHERINE, CA
[72] EFTEKHARI ROOZBEHANI, YASER, CA
[72] CAI, YEGUI, CA
[72] GU, YUAN XIANG, CA
[71] IRDETO B.V., NL
[85] 2018-06-12
[86] 2016-12-14 (PCT/EP2016/081063)
[87] (WO2017/102880)
[30] GB (1522315.9) 2015-12-17

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[21] **3,008,200**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **TEST FOR PREDICTING THE ABILITY OF A SALMONID TO UTILISE DIETARY PIGMENT**
[54] **TEST DE PREDICTION DE LA CAPACITE D'UN SALMONIDE A UTILISER UN PIGMENT ALIMENTAIRE**
[72] MOEN, THOMAS, NO
[72] TORGERSEN, JACOB SEILO, NO
[71] AQUAGEN AS, NO
[85] 2018-06-12
[86] 2016-12-16 (PCT/GB2016/053963)
[87] (WO2017/103607)
[30] GB (1522230.0) 2015-12-16

[21] **3,008,201**
[13] A1
[51] **Int.Cl. G06F 9/50 (2006.01) G06F 9/455 (2018.01)**
[25] EN
[54] **SYSTEM AND METHODS FOR AUDITING A VIRTUAL MACHINE**
[54] **SYSTEME ET PROCEDES D'AUDIT D'UNE MACHINE VIRTUELLE**
[72] LUKACS, SANDOR, RO
[72] LUTAS, ANDREI-VLAD, RO
[72] ANICHITEI, IONEL C., RO
[71] BITDEFENDER IPR MANAGEMENT LTD, CY
[85] 2018-06-12
[86] 2017-01-04 (PCT/EP2017/050112)
[87] (WO2017/118648)
[30] US (62/274,902) 2016-01-05
[30] US (15/045,979) 2016-02-17

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[21] **3,008,202**
[13] A1
[51] **Int.Cl. E01B 27/04 (2006.01)**
[25] EN
[54] **MACHINE WITH BALLAST RECEIVING DEVICE**
[54] **MACHINE EQUIPEE D'UN DISPOSITIF DE COLLECTE DE BALLAST**
[72] BRUNNINGER, MANFRED, AT
[71] PLASSER & THEURER EXPORT VON BAHNBAUMASCHINEN GESELLSCHAFT M.B.H., AT
[85] 2018-06-12
[86] 2017-01-02 (PCT/EP2017/000001)
[87] (WO2017/129345)
[30] AT (A 44/2016) 2016-01-29

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[21] **3,008,203**
[13] A1
[51] **Int.Cl. A61K 31/415 (2006.01) A61K 9/00 (2006.01) A61K 9/14 (2006.01) A61K 9/16 (2006.01) A61K 9/51 (2006.01) A61K 31/635 (2006.01) A61K 45/06 (2006.01)**
[25] EN
[54] **COMPLEXES OF CELECOXIB AND ITS SALTS AND DERIVATIVES, PROCESS FOR THE PREPARATION THEREOF AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**
[54] **COMPLEXES DU CELECOXIB ET DE SES SELS ET DERIVES, PROCEDE POUR LA PREPARATION DE CEUX-CI ET COMPOSITIONS PHARMACEUTIQUES CONTENANT CEUX-CI**
[72] ANGI, ERZSEBET REKA, MT
[72] JORDAN, TAMAS, MT
[72] KARPATI, RICHARD BALAZS, MT
[72] PATYI, GERGO, MT
[72] BASA-DENES, ORSOLYA, MT
[72] SOLYMOSI, TAMAS, MT
[72] OTVOS, ZSOLT, MT
[72] MOLNAR, LASZLO, MT
[72] GLAVINAS, HRISTOS, MT
[72] FILIPCSEI, GENOVEVA, MT
[71] DRUGGABILITY TECHNOLOGIES IP HOLDCO LIMITED, MT
[85] 2018-06-12
[86] 2016-12-15 (PCT/IB2016/001893)
[87] (WO2017/103677)
[30] HU (P1500618) 2015-12-16
[30] US (62/421,723) 2016-11-14

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[21] **3,008,204**
[13] A1
[51] **Int.Cl. B05C 17/005 (2006.01) F16B 13/14 (2006.01)**
[25] EN
[54] **INJECTOR FOR FILLING AN ANNULAR SPACE AROUND AN ANCHOR BOLT**
[54] **INJECTEUR DESTINE A REMPLIR UN ESPACE ANNULAIRE AUTOUR D'UN BOULON D'ANCRAGE**
[72] HAKENHOLT, CHRISTOPH, AT
[72] SCHRANZ, BERNHARD, AT
[72] NGUYEN, HUU TOAN, CH
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2018-06-12
[86] 2017-01-10 (PCT/EP2017/050364)
[87] (WO2017/121706)
[30] EP (16150747.0) 2016-01-11

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[21] **3,008,205**
[13] A1
[51] **Int.Cl. A23L 27/30 (2016.01) A23L 33/125 (2016.01)**
[25] EN
[54] **FOOD AND BEVERAGE PRODUCTS COMPRISING LOW CALORIE, LOW GLYCEMIC INDEX (GI), AND SUSTAINED ENERGY RELEASE SUGAR COMPOSITION**
[54] **PRODUITS DE TYPE ALIMENTS ET BOISSONS COMPRENANT UNE COMPOSITION DE SUCRE BASSES CALORIES, A BAS INDICE GLYCEMIQUE (IG), ET A LIBERATION D'ENERGIE PROLONGEE**
[72] PANDEY, BANIBRATA, IN
[72] KANUMURU, RAHUL RAJU, IN
[72] RAY, SIBNATH, IN
[72] BHATTACHARYYA, BIPLAB, IN
[71] PETIVA PRIVATE LIMITED, IN
[85] 2018-06-12
[86] 2016-11-12 (PCT/IB2016/056828)
[87] (WO2017/081667)
[30] IN (2416/CHE/2015) 2015-11-12
[30] IN (2417/CHE/2015) 2015-11-12

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[21] **3,008,206**
[13] A1
[51] **Int.Cl. E21B 47/00 (2012.01) G01V 1/40 (2006.01) G01V 1/50 (2006.01)**
[25] EN
[54] **SEMBLANCE-BASED ANISOTROPY PARAMETER ESTIMATION USING ISOTROPIC DEPTH-MIGRATED COMMON IMAGE GATHERS**
[54] **ESTIMATION DE PARAMETRE D'ANISOTROPIE ORIENTEE SEMBLANCE AU MOYEN DE REGROUPEMENTS D'IMAGES COMMUNES AYANT FAIT L'OBJET D'UNE MIGRATION EN PROFONDEUR ISOTROPE**
[72] XIA, FAN, US
[72] JIN, SHENGWEN, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2018-06-11
[86] 2016-01-15 (PCT/US2016/013563)
[87] (WO2017/123240)

[21] **3,008,207**
[13] A1
[51] **Int.Cl. A47J 31/44 (2006.01)**
[25] EN
[54] **APPARATUS FOR MAKING A BEVERAGE, IN PARTICULAR FOR A BEVERAGE CONTAINING MILK**
[54] **APPAREIL DE PREPARATION DE BOISSON, EN PARTICULIER UNE BOISSON CONTENANT DU LAIT**
[72] DIAMANTI, MAURIZIO, IT
[72] CHANINE, VALERIY, IT
[71] CAFFITALY SYSTEM S.P.A., IT
[85] 2018-06-12
[86] 2016-11-23 (PCT/IB2016/057055)
[87] (WO2017/103709)
[30] IT (102015000084746) 2015-12-17

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[21] **3,008,208**
[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/14 (2006.01) A61K 31/465 (2006.01) A61K 47/18 (2017.01)**
[25] EN
[54] **FLAVOURED NICOTINE POWDER**
[54] **POUDRE DE NICOTINE AROMATISEE**
[72] ZUBER, GERARD, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-06-12
[86] 2016-12-08 (PCT/IB2016/057452)
[87] (WO2017/109625)
[30] EP (15202728.0) 2015-12-24

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[21] **3,008,209**
[13] A1
[51] **Int.Cl. A44B 18/00 (2006.01) D04B 1/04 (2006.01) D04B 21/04 (2006.01) D06M 15/263 (2006.01)**
[25] EN
[54] **HOOK AND LOOP FASTENER AND TEXTILE PRODUCTS**
[54] **BANDE VELCRO ET PRODUITS TEXTILES**
[72] TANAKA, KENGO, JP
[71] TEIJIN FRONTIER CO., LTD., JP
[85] 2018-06-12
[86] 2016-11-16 (PCT/JP2016/083893)
[87] (WO2017/104338)
[30] JP (2015-243254) 2015-12-14

---

[21] **3,008,210**
[13] A1
[51] **Int.Cl. C12C 1/02 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING ROOTING-SUPPRESSED MALT**
[54] **PROCEDE DE PRODUCTION DE MALT CARACTERISE PAR UNE INHIBITION DE LA FORMATION DE RACINES**
[72] SAWADA, MASAKO, JP
[71] SUNTORY HOLDINGS LIMITED, JP
[85] 2018-06-12
[86] 2016-12-15 (PCT/JP2016/087403)
[87] (WO2017/104752)
[30] JP (PCT/JP2015/085466) 2015-12-18

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[21] **3,008,211**
[13] A1
[51] **Int.Cl. A61M 15/00 (2006.01) A61M 15/06 (2006.01)**
[25] EN
[54] **NICOTINE POWDER DELIVERY SYSTEM**
[54] **SYSTEME D'ADMINISTRATION DE POUDRE DE NICOTINE**
[72] ZUBER, GERARD, CH
[71] PHILLIP MORRIS PRODUCTS S.A., CH
[85] 2018-06-12
[86] 2016-12-08 (PCT/IB2016/057455)
[87] (WO2017/109626)
[30] EP (15202712.4) 2015-12-24

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[21] **3,008,212**
[13] A1
[51] **Int.Cl. C12P 19/24 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING NON-CARIOGENIC, SUSTAINED ENERGY RELEASE JUICE**
[54] **PROCEDE DE PREPARATION DE JUS NON CARIOGENE A LIBERATION D'ENERGIE PROLONGEE**
[72] BANIBRATA, PANDEY, IN
[72] KANUMURU, RAHUL RAJU, IN
[72] IYAPPAN, SARAVANAKUMAR, IN
[72] VENKATA NARAYANAN, KARTHIKEYAN, IN
[72] SHEIKH, HUMAIRA PARVEEN, IN
[71] PETIVA PRIVATE LIMITED, IN
[85] 2018-06-12
[86] 2016-11-12 (PCT/IB2016/056827)
[87] (WO2017/081666)
[30] IN (2416/CHE/2015) 2015-11-12
[30] IN (2417/CHE/2015) 2015-11-12

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[21] **3,008,213**
[13] A1
[51] **Int.Cl. C12N 5/077 (2010.01) C12N 5/0775 (2010.01) A01K 67/027 (2006.01) C12Q 1/02 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING TISSUE/ORGAN BY USING BLOOD CELLS**
[54] **PROCEDE DE FABRICATION D'UN TISSU/ORGANE EN UTILISANT DES CELLULES SANGUINES**
[72] TANIGUCHI, HIDEKI, JP
[72] NIE, YUNZHONG, JP
[72] ZHENG, YUN-WEN, JP
[72] SEKINE, KEISUKE, JP
[72] TAKEBE, TAKANORI, JP
[71] PUBLIC UNIVERSITY CORPORATION YOKOHAMA CITY UNIVERSITY, JP
[85] 2018-06-12
[86] 2016-12-19 (PCT/JP2016/087739)
[87] (WO2017/110724)
[30] JP (2015-251140) 2015-12-24

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[21] **3,008,214**
[13] A1
[51] **Int.Cl. H04S 5/00 (2006.01)**
[25] EN
[54] **SYNTHESIS OF SIGNALS FOR IMMERSIVE AUDIO PLAYBACK**
[54] **SYNTHESE DE SIGNAUX POUR LECTURE AUDIO IMMERSIVE**
[72] MOR, YOAV, IL
[72] KOHN, BENJAMIN, IL
[72] ETLIN, ALEX, US
[71] 3D SPACE SOUND SOLUTIONS LTD., IL
[85] 2018-06-12
[86] 2017-01-04 (PCT/IB2017/050018)
[87] (WO2017/125821)
[30] US (62/280,134) 2016-01-19
[30] US (62/400,699) 2016-09-28
[30] US (62/432,578) 2016-12-11

[21] **3,008,215**
[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4375 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **SUBSTITUTED NAPHTHALENE DIIMIDES AND THEIR USE**
[54] **DIIMIDES DE NAPHTALENE SUBSTITUES ET LEUR UTILISATION**
[72] NEIDLE, STEPHEN, GB
[72] MARCHETTI, CHIARA, GB
[72] OHNMACHT, STEPHAN ALEXANDER, CH
[71] UCL BUSINESS PLC, GB
[85] 2018-06-12
[86] 2016-12-14 (PCT/GB2016/053937)
[87] (WO2017/103587)
[30] GB (1522118.7) 2015-12-15

[21] **3,008,216**
[13] A1
[51] **Int.Cl. G09F 15/00 (2006.01) G09F 19/18 (2006.01)**
[25] EN
[54] **LOW DRAG OUTDOOR MEDIA FACADE DISPLAY**
[54] **ECRAN MULTIMEDIA EN FACADE EXTERIEURE A FAIBLE PRISE AU VENT**
[72] CARMEL, AVIV, IL
[71] SKYSIGN TECH LTD., IL
[85] 2018-06-12
[86] 2016-12-14 (PCT/IL2016/051334)
[87] (WO2017/103925)
[30] IL (243064) 2015-12-14

[21] **3,008,217**
[13] A1
[51] **Int.Cl. A61F 2/16 (2006.01) G02C 7/04 (2006.01)**
[25] EN
[54] **MULTIFOCAL LENS HAVING REDUCED VISUAL DISTURBANCES**
[54] **LENTILLE MULTIFOCALE PRESENTANT DES PERTURBATIONS VISUELLES REDUITES**
[72] CHOI, MYOUNG-TAEK, US
[72] LIU, YUEAI, US
[72] HONG, XIN, US
[71] NOVARTIS AG, US
[85] 2018-06-12
[86] 2017-02-15 (PCT/IB2017/050850)
[87] (WO2017/145014)
[30] US (15/051,765) 2016-02-24

[21] **3,008,218**
[13] A1
[51] **Int.Cl. C12N 5/00 (2006.01) C12N 5/071 (2010.01) C12N 5/074 (2010.01) C12N 5/0775 (2010.01) C12N 5/16 (2006.01) C12N 7/00 (2006.01) C12Q 1/02 (2006.01)**
[25] EN
[54] **VIRUS INFECTION MODEL, PREPARATION METHOD THEREFOR, AND UTILIZATION THEREOF**
[54] **MODELE D'INFECTION VIRALE, SON PROCEDE DE PREPARATION, ET SON UTILISATION**
[72] TANIGUCHI, HIDEKI, JP
[72] MURATA, SOICHIRO, JP
[72] NIE, YUNZHONG, JP
[72] MIYAKAWA, KEI, JP
[72] RYO, AKIHIDE, JP
[72] TAKEBE, TAKANORI, JP
[71] PUBLIC UNIVERSITY CORPORATION YOKOHAMA CITY UNIVERSITY, JP
[85] 2018-06-12
[86] 2016-12-21 (PCT/JP2016/088220)
[87] (WO2017/110931)
[30] JP (2015-249520) 2015-12-22

[21] **3,008,219**
[13] A1
[51] **Int.Cl. H02H 7/122 (2006.01) H02M 1/32 (2007.01) H02P 29/00 (2016.01) H02H 7/08 (2006.01)**
[25] EN
[54] **POWER ELECTRONICS UNIT**
[54] **UNITE ELECTRONIQUE DE PUISSANCE**
[72] ERHART, PETER, DE
[72] STEFFEN, JENS, DE
[71] L-3 COMMUNICATIONS MAGNET-MOTOR GMBH, DE
[85] 2018-06-12
[86] 2015-12-16 (PCT/EP2015/080030)
[87] (WO2017/101996)

[21] **3,008,220**
[13] A1
[51] **Int.Cl. B23K 9/16 (2006.01) B23K 9/173 (2006.01)**
[25] EN
[54] **CONSUMABLE ELECTRODE TYPE GAS SHIELD ARC WELDING METHOD AND ARC WELDING PORTION**
[54] **PROCEDE DE SOUDAGE A L'ARC SOUS PROTECTION GAZEUSE A ELECTRODE FUSIBLE ET SOUDURE A L'ARC**
[72] KODAMA, SHINJI, JP
[72] ZENIYA, TASUKU, JP
[72] OAMI, SHOKO, JP
[72] MATSUBA, MASAHIRO, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2018-06-12
[86] 2017-01-20 (PCT/JP2017/001934)
[87] (WO2017/126657)
[30] JP (2016-008695) 2016-01-20

[21] **3,008,221**
[13] A1
[51] **Int.Cl. B01D 53/14 (2006.01) C01B 32/50 (2017.01) B01D 53/18 (2006.01) B01D 53/62 (2006.01) B01D 53/78 (2006.01)**
[25] EN
[54] **CO2 RECOVERY DEVICE AND CO2 RECOVERY METHOD**
[54] **DISPOSITIF DE RECUPERATION DE CO2 ET PROCEDE DE RECUPERATION DE CO2**
[72] TSUJIUCHI, TATSUYA, JP
[72] KAMIJO, TAKASHI, JP
[72] YONEKAWA, TAKAHITO, JP
[72] MIYAMOTO, OSAMU, JP
[71] MITSUBISHI HEAVY INDUSTRIES ENGINEERING, LTD., JP
[85] 2018-06-12
[86] 2017-01-20 (PCT/JP2017/001959)
[87] (WO2017/130863)
[30] JP (2016-011600) 2016-01-25

[21] **3,008,223**
[13] A1
[51] **Int.Cl. H01M 4/96 (2006.01) C09D 5/24 (2006.01) C09D 201/00 (2006.01) H01M 4/86 (2006.01) H01M 4/88 (2006.01) H01M 8/10 (2016.01)**
[25] EN
[54] **GAS DIFFUSION ELECTRODE, MICROPOROUS LAYER PAINT AND PRODUCTION METHOD THEREOF**
[54] **ELECTRODE A DIFFUSION DE GAZ, MATERIAU DE REVETEMENT DE COUCHE MICROPOREUSE ET SON PROCEDE DE PRODUCTION**
[72] KATO, SHO, JP
[72] HASHIMOTO, MASARU, JP
[72] WAKATABE, MICHIO, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2018-06-12
[86] 2017-01-11 (PCT/JP2017/000617)
[87] (WO2017/130694)
[30] JP (2016-013133) 2016-01-27
[30] JP (2016-013134) 2016-01-27
[30] JP (2016-112415) 2016-06-06

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[21] **3,008,224**
[13] A1
[51] **Int.Cl. A61F 13/42 (2006.01) A61B 5/20 (2006.01) A61F 13/84 (2006.01)**
[25] EN
[54] **WEARABLE ABSORBENT ARTICLE**
[54] **ARTICLE ABSORBANT PORTABLE**
[72] CARNEY, JOSHUA DANIEL, SE
[72] SCHVETZ, YOSSEF, IT
[72] OZSUMER, SERDAR, IT
[72] LOCATI, ALESSANDRO, IT
[72] TRAMONTANA, MANUEL, IT
[71] SCA HYGIENE PRODUCTS AB, SE
[85] 2018-06-12
[86] 2015-12-22 (PCT/EP2015/081036)
[87] (WO2017/108109)

---

[21] **3,008,225**
[13] A1
[51] **Int.Cl. B64C 19/00 (2006.01) H04W 72/08 (2009.01) G05D 1/02 (2006.01)**
[25] EN
[54] **ADJUSTMENT OF PLANNED MOVEMENT BASED ON RADIO NETWORK CONDITIONS**
[54] **REGLAGE DE MOUVEMENT PLANIFIE SUR LA BASE DE CONDITIONS DE RESEAU RADIO**
[72] WANSTEDT, STEFAN, SE
[72] JONSSON, TOMAS, SE
[72] OKVIST, PETER, SE
[72] ARNGREN, TOMMY, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2018-06-12
[86] 2015-12-14 (PCT/SE2015/051335)
[87] (WO2016/190793)

---

[21] **3,008,226**
[13] A1
[51] **Int.Cl. A61F 13/64 (2006.01) A61F 13/49 (2006.01) A61F 13/56 (2006.01)**
[25] EN
[54] **BELTED ABSORBENT ARTICLE WITH DISTINGUISHABLE BELT ENDS**
[54] **ARTICLE ABSORBANT A CEINTURE AVEC EXTREMITE DE CEINTURE DISTINGUABLES**
[72] CARLEN, HENRIK, SE
[71] SCA HYGIENE PRODUCTS AB, SE
[85] 2018-06-12
[86] 2016-04-29 (PCT/SE2016/050382)
[87] (WO2017/111679)
[30] SE (PCT/SE2015/051390) 2015-12-22

---

[21] **3,008,227**
[13] A1
[51] **Int.Cl. G07F 17/34 (2006.01) A63F 13/00 (2014.01)**
[25] EN
[54] **SLOT GAME WITH CREDIT REDISTRIBUTION**
[54] **JEU DE MACHINE AVEC REDISTRIBUTION DE CREDITS**
[72] DICARLO, FERNANDO, CA
[71] PLAY GAMES FOR FUN LIMITED CORPORATION, US
[85] 2018-06-12
[86] 2015-11-30 (PCT/US2015/062933)
[87] (WO2016/099837)
[30] US (14/573,061) 2014-12-17

---

[21] **3,008,229**
[13] A1
[51] **Int.Cl. C10L 3/10 (2006.01) C10L 3/06 (2006.01)**
[25] EN
[54] **ETHANE RECOVERY OR ETHANE REJECTION OPERATION**
[54] **OPERATION DE RECUPERATION D'ETHANE OU DE REJET D'ETHANE**
[72] MAK, JOHN, US
[71] FLUOR TECHNOLOGIES CORPORATION, US
[85] 2018-06-12
[86] 2016-01-15 (PCT/US2016/013687)
[87] (WO2017/119913)
[30] US (14/988,388) 2016-01-05

---

[21] **3,008,230**
[13] A1
[51] **Int.Cl. A63B 63/00 (2006.01) A63B 63/04 (2006.01) A63B 63/08 (2006.01)**
[25] EN
[54] **BASKETBALL GOAL WITH VIBRATION DAMPING**
[54] **PANIER DE BASKET-BALL AVEC AMORTISSEMENT DES VIBRATIONS**
[72] CORNELL, ROBERT W., US
[72] ELPERS, PHILIP, US
[71] INDIAN INDUSTRIES, INC., US
[85] 2018-06-12
[86] 2015-12-14 (PCT/US2015/065501)
[87] (WO2017/105387)

[21] **3,008,231**
[13] A1
[51] **Int.Cl. H04W 12/04 (2009.01) H04W 4/00 (2018.01) H04W 12/06 (2009.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ONBOARDING WIRELESS-ENABLED PRODUCTS IN A NETWORK**
[54] **PROCEDE ET SYSTEME POUR INCORPORER DES PRODUITS A CAPACITE SANS FIL DANS UN RESEAU**
[72] BURNS, GREGORY, US
[72] KAVAS, CHRISTOPHER, US
[72] LIOY, MARCELLO, US
[72] SWINSON, KENNETH, US
[72] MALSBARY, TODD, US
[72] MICHAEL, MATTHEW, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-06-12
[86] 2016-11-22 (PCT/US2016/063349)
[87] (WO2017/127156)
[30] US (15/000,105) 2016-01-19

[21] **3,008,232**
[13] A1
[51] **Int.Cl. H05B 33/08 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING WAVE-BASED LIGHTING EFFICIENCIES**
[54] **SYSTEMES ET PROCEDES POUR FOURNIR DES RENDEMENTS D'ECLAIRAGE A BASE D'ONDES**
[72] MILLAR, GARY BRET, US
[71] EARTH STAR SOLUTIONS, LLC, US
[85] 2018-06-12
[86] 2016-11-17 (PCT/US2016/062514)
[87] (WO2017/087660)
[30] US (62/256,289) 2015-11-17

[21] **3,008,233**
[13] A1
[51] **Int.Cl. C11D 1/825 (2006.01) C11D 3/00 (2006.01) C11D 3/37 (2006.01) C11D 3/39 (2006.01) C11D 17/00 (2006.01) C11D 17/04 (2006.01) C11D 1/72 (2006.01)**
[25] EN
[54] **AUTOMATIC DISHWASHING DETERGENT COMPOSITION**
[54] **COMPOSITION DE DETERGENT POUR LAVE-VAISSELLE**
[72] SOUTER, PHILIP FRANK, GB
[72] BROOKER, ALAN THOMAS, GB
[72] BEWICK, LINDSAY SUZANNE, GB
[72] STRACHAN, EUAN CAMPBELL, GB
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-06-12
[86] 2016-11-30 (PCT/US2016/064046)
[87] (WO2017/105825)
[30] EP (15200969.2) 2015-12-17

[21] **3,008,234**
[13] A1
[51] **Int.Cl. A61F 13/64 (2006.01) A61F 13/49 (2006.01) A61F 13/56 (2006.01)**
[25] EN
[54] **BELTED ABSORBENT ARTICLE WITH DISTINGUISHABLE BELT ENDS**
[54] **ARTICLE ABSORBANT A CEINTURE DOTE D'EXTREMITES CEINTURE VISIBLES**
[72] TERENTIC, VERICA, SE
[72] ESPING OSTLIN, HANNA, SE
[72] PERSSON NORDQVIST, CECILIA, SE
[71] SCA HYGIENE PRODUCTS AB, SE
[85] 2018-06-12
[86] 2015-12-22 (PCT/SE2015/051390)
[87] (WO2017/111676)

[21] **3,008,235**
[13] A1
[51] **Int.Cl. C11D 3/37 (2006.01) C11D 3/386 (2006.01) C11D 3/50 (2006.01) C11D 11/00 (2006.01) C11D 17/04 (2006.01)**
[25] EN
[54] **AUTOMATIC DISHWASHING DETERGENT COMPOSITION**
[54] **COMPOSITION DE DETERGENT POUR LAVE-VAISSELLE AUTOMATIQUE**
[72] SOUTER, PHILIP FRANK, GB
[72] BROOKER, ALAN THOMAS, GB
[72] BEWICK, LINDSAY SUZANNE, GB
[72] CAMPBELL, LYNN MICHELLE, GB
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-06-12
[86] 2016-11-30 (PCT/US2016/064048)
[87] (WO2017/105826)
[30] EP (15200970.0) 2015-12-17

[21] **3,008,236**
[13] A1
[51] **Int.Cl. E21C 27/22 (2006.01) E21C 27/24 (2006.01) E21D 9/10 (2006.01)**
[25] EN
[54] **MILLING DEVICE FOR EXCAVATING MINING MATERIALS**
[54] **DISPOSITIF DE BROYAGE POUR L'EXCAVATION DE MATERIAUX MINIERS**
[72] RASCHKA, JOACHIM, DE
[72] BECHEM, ULRICH, DE
[71] CATERPILLAR GLOBAL MINING EUROPE GMBH, DE
[85] 2018-06-12
[86] 2016-12-07 (PCT/EP2016/002063)
[87] (WO2017/102070)
[30] DE (10 2015 016 269.1) 2015-12-15

[21] **3,008,237**
[13] A1
[51] **Int.Cl. B65D 17/00 (2006.01)**
[25] EN
[54] **CAN LID**
[54] **COUVERCLE DE BOITE**
[72] THIELEN, KLAUS, DE
[72] THIELEN, EVA-MARIA, DE
[71] PIECH, GREGOR ANTON, AT
[85] 2018-06-12
[86] 2016-11-10 (PCT/EP2016/077249)
[87] (WO2017/108260)
[30] DE (10 2015 122 548.4) 2015-12-22

[21] **3,008,239**
[13] A1
[51] **Int.Cl. C11D 1/72 (2006.01) C11D 3/37 (2006.01) C11D 3/39 (2006.01) C11D 3/50 (2006.01) C11D 3/60 (2006.01)**
[25] EN
[54] **AUTOMATIC DISHWASHING DETERGENT COMPOSITION**
[54] **COMPOSITION DE DETERGENT POUR LAVE-VAISSELLE AUTOMATIQUE**
[72] SOUTER, PHILIP FRANK, GB
[72] BROOKER, ALAN THOMAS, GB
[72] BEWICK, LINDSAY SUZANNE, GB
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-06-12
[86] 2016-11-30 (PCT/US2016/064050)
[87] (WO2017/105827)
[30] EP (15200971.8) 2015-12-17

---

[21] **3,008,240**
[13] A1
[51] **Int.Cl. A61B 5/1495 (2006.01) A61B 5/00 (2006.01) A61B 5/0402 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR CALIBRATING A MEDICAL MONITORING DEVICE**
[54] **PROCEDES ET APPAREIL DE CALIBRAGE D'UN DISPOSITIF DE SURVEILLANCE MEDICALE**
[72] PATIL, MERU ADAGOUDA, NL
[72] BUSSA, NAGARAJU, NL
[72] RAGHOTHAM VENKAT, PRASAD, NL
[71] KONINKLIJKE PHILIPS N.V., NL
[85] 2018-06-12
[86] 2016-12-08 (PCT/EP2016/080160)
[87] (WO2017/102521)
[30] IN (6716/CHE/2015) 2015-12-15

---

[21] **3,008,241**
[13] A1
[51] **Int.Cl. A61B 5/055 (2006.01) G01N 24/08 (2006.01) G01R 33/44 (2006.01) G01V 3/14 (2006.01)**
[25] EN
[54] **METHOD OF EXTRACTING INFORMATION ABOUT A SAMPLE BY NUCLEAR MAGNETIC RESONANCE MEASUREMENTS**
[54] **PROCEDE PERMETTANT D'EXTRAIRE DES INFORMATIONS CONCERNANT UN ECHANTILLON PAR DES MESURES DE RESONANCE MAGNETIQUE NUCLEAIRE**
[72] TOPGAARD, DANIEL, SE
[72] LASIC, SAMO, SE
[71] CR DEVELOPMENT AB, SE
[85] 2018-06-12
[86] 2016-12-22 (PCT/SE2016/051311)
[87] (WO2017/116300)
[30] SE (1551719-6) 2015-12-29

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[21] **3,008,242**
[13] A1
[51] **Int.Cl. B01D 67/00 (2006.01) B01D 69/08 (2006.01) B01D 71/02 (2006.01) B01D 71/64 (2006.01)**
[25] EN
[54] **METHOD OF MAKING CARBON MOLECULAR SIEVE MEMBRANES**
[54] **PROCEDE DE FABRICATION DE MEMBRANES DE TAMIS MOLECULAIRE DE CARBONE**
[72] HESSLER, JOHN, US
[72] KOROS, WILLIAM J., US
[72] XU, LIREN, US
[72] BRAYDEN, MARK K., US
[72] MARTINEZ, MARCOS V., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] GEORGIA TECH RESEARCH CORPORATION, US
[85] 2018-06-12
[86] 2016-11-30 (PCT/US2016/064115)
[87] (WO2017/105836)
[30] US (62/268,556) 2015-12-17

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[21] **3,008,244**
[13] A1
[51] **Int.Cl. A61K 38/00 (2006.01) A61K 39/395 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **ANTI-LAG3 ANTIBODIES AND ANTIGEN-BINDING FRAGMENTS**
[54] **ANTICORPS ANTI-LAG3 ET FRAGMENTS DE FIXATION A L'ANTIGENE**
[72] MALEFYT, RENE DE WAAL, US
[72] FAYADAT-DILMAN, LAURENCE, US
[72] LIANG, LINDA, US
[71] MERCK SHARP & DOHME CORP., US
[85] 2018-06-12
[86] 2016-12-13 (PCT/US2016/066266)
[87] (WO2017/106129)
[30] US (62/268,070) 2015-12-16

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[21] **3,008,245**
[13] A1
[51] **Int.Cl. C10J 3/20 (2006.01) C10J 3/72 (2006.01)**
[25] EN
[54] **NOVEL METHOD FOR AVOIDING EXPENSIVE SOUR WATER STRIPPER METALLURGY IN A GASIFICATION PLANT**
[54] **NOUVEAU PROCEDE PERMETTANT D'EVITER LA METALLURGIE A COLONNE DE DESULFURATION A LA VAPEUR COUTEUSE DANS UNE USINE DE GAZEIFICATION**
[72] RAVIKUMAR, RAVI, US
[72] GOODMAN, PATRICK, US
[72] DABEE, SANJIV, US
[71] FLUOR TECHNOLOGIES CORPORATION, US
[85] 2018-06-12
[86] 2016-01-15 (PCT/US2016/013705)
[87] (WO2017/119914)
[30] US (14/990,646) 2016-01-07

[21] **3,008,246**
[13] A1
[51] **Int.Cl. C11D 1/72 (2006.01) C11D 3/12 (2006.01) C11D 3/22 (2006.01) C11D 3/32 (2006.01) C11D 3/37 (2006.01) C11D 3/50 (2006.01) C11D 7/20 (2006.01) C11D 7/26 (2006.01) C11D 17/00 (2006.01) C11D 17/04 (2006.01)**
[25] EN
[54] **A WATER-SOLUBLE UNIT DOSE ARTICLE**
[54] **ARTICLE A DOSE UNITAIRE HYDROSOLUBLE**
[72] DEPOOT, KAREL JOZEF MARIA, BE
[72] BOUTIQUE, JEAN-POL, BE
[72] ORLANDINI, LAURA, CH
[72] MCCAFFERTY, MEGAN ROSE, US
[72] LINTULA, NEA JANETTE, BE
[72] BOUNIOL, AUDREY CLAIRE FRANCOISE, BE
[72] VAN ELSEN, KATRIEN ANDREA LIEVEN, BE
[72] DENUTTE, HUGO ROBERT GERMAIN, BE
[72] LYNCH, MATTHEW LAWRENCE, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-06-12
[86] 2016-12-01 (PCT/US2016/064374)
[87] (WO2017/105853)
[30] EP (15200549.2) 2015-12-16

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[21] **3,008,249**
[13] A1
[51] **Int.Cl. H02J 5/00 (2016.01)**
[25] EN
[54] **WIRELESS POWER TRANSFER DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE TRANSFERT D'ENERGIE SANS FIL**
[72] TAN, TEIK SIEW, MY
[72] CHONG, CHEE KHON, MY
[72] LEE, SIN KENG, MY
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2018-06-12
[86] 2016-12-06 (PCT/US2016/065137)
[87] (WO2017/116630)
[30] US (14/983,369) 2015-12-29

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[21] **3,008,250**
[13] A1
[51] **Int.Cl. A47J 43/27 (2006.01) B65D 41/16 (2006.01) B65D 51/28 (2006.01) B65D 81/32 (2006.01)**
[25] EN
[54] **CONTAINER WITH MIXING BLADE AND ASSEMBLY SYSTEM**
[54] **RECIPIENT A LAME DE MELANGE ET SYSTEME D'ASSEMBLAGE**
[72] CASEY, THEODORE, US
[71] DRYBEV INTERNATIONAL, INC., US
[85] 2018-06-12
[86] 2016-07-08 (PCT/US2016/041558)
[87] (WO2017/062080)
[30] US (14/874,853) 2015-10-05
[30] US (15/166,501) 2016-05-27

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[21] **3,008,252**
[13] A1
[51] **Int.Cl. C11D 3/00 (2006.01) C11D 3/12 (2006.01) C11D 3/20 (2006.01) C11D 3/22 (2006.01) C11D 3/30 (2006.01) C11D 3/37 (2006.01) C11D 3/43 (2006.01) C11D 17/04 (2006.01)**
[25] EN
[54] **WATER-SOLUBLE UNIT DOSE ARTICLE**
[54] **ARTICLE EN DOSE UNITAIRE SOLUBLE DANS L'EAU**
[72] DEPOOT, KAREL JOSEF MARIA, BE
[72] BOUTIQUE, JEAN-POL, BE
[72] ORLANDINI, LAURA, CH
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-06-12
[86] 2016-12-08 (PCT/US2016/065601)
[87] (WO2017/106004)
[30] EP (15200553.4) 2015-12-16
[30] EP (16192893.2) 2016-10-07

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[21] **3,008,253**
[13] A1
[51] **Int.Cl. A63B 60/14 (2015.01) A63B 60/18 (2015.01) A63B 60/50 (2015.01) A63B 53/14 (2015.01) B25G 1/10 (2006.01) B25G 3/00 (2006.01)**
[25] EN
[54] **GOLF CLUB GRIP**
[54] **POIGNEE POUR CLUB DE GOLF**
[72] BREEDEN, WINSTON H., III, US
[72] GIANNATTI, NICK D., US
[72] GIANNATTI, RON F., US
[72] SPAIN, CHARLES EUGENE, US
[71] WINSTON PRODUCTS LLC, US
[85] 2018-06-12
[86] 2016-08-26 (PCT/US2016/048840)
[87] (WO2017/105559)
[30] US (62/267,016) 2015-12-14
[30] US (62/310,151) 2016-03-18

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[21] **3,008,254**
[13] A1
[51] **Int.Cl. C11D 3/00 (2006.01) C11D 3/37 (2006.01) C11D 3/43 (2006.01) C11D 11/00 (2006.01)**
[25] EN
[54] **CONCENTRATED LIQUID DETERGENTS INCLUDING ANTIREDEPOSITION POLYMERS**
[54] **DETERGENTS LIQUIDES CONCENTRES COMPRENANT DES POLYMERES ANTIREDEPOSITION**
[72] GUTOWSKI, KEITH E., US
[71] BASF SE, DE
[85] 2018-06-12
[86] 2016-12-09 (PCT/US2016/065705)
[87] (WO2017/106022)
[30] US (62/267,053) 2015-12-14

[21] **3,008,259**
[13] A1
[51] **Int.Cl. H04W 84/18 (2009.01) H04W 8/22 (2009.01)**
[25] EN
[54] **METHOD AND DEVICE FOR PAIRING BETWEEN A SCANNING WIRELESS RADIO COMMUNICATION DEVICE AND TARGET WIRELESS ELECTRONIC DEVICES**
[54] **PROCEDE ET DISPOSITIF POUR UNE MISE EN CORRESPONDANCE ENTRE UN DISPOSITIF DE RADIOCOMMUNICATION SANS FIL DE BALAYAGE ET DES DISPOSITIFS ELECTRONIQUES SANS FIL CIBLES**
[72] SCHULER, FRANCESCA, US
[72] ALAYO ESPINO, JORGE M., US
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2018-06-12
[86] 2016-12-12 (PCT/US2016/066139)
[87] (WO2017/106092)
[30] US (14/971,581) 2015-12-16

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[21] **3,008,260**
[13] A1
[51] **Int.Cl. H02K 15/00 (2006.01) H02K 15/03 (2006.01) H02K 16/04 (2006.01)**
[25] EN
[54] **DUAL-STATOR ELECTRICAL GENERATION APPARATUS**
[54] **APPAREIL DE GENERATION D'ELECTRICITE A DEUX STATORS**
[72] MAROSZ, MARION J., US
[71] MAROSZ, MARION J., US
[85] 2018-06-12
[86] 2016-11-10 (PCT/US2016/061394)
[87] (WO2017/083561)
[30] US (62/254,537) 2015-11-12
[30] US (15/347,538) 2016-11-09

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[21] **3,008,261**
[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 5/06 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **MOUNTAIN BRACKET AND DEVICE FOR ADJUSTING THE ANGLE OF ATTACHMENT OF DISK COLTERS**
[54] **SUPPORT DE MONTAGE DE PROLONGEMENT DE LA DUREE DE VIE D'UN DISPOSITIF DE TASSEMENT DE GRAINES ET DISPOSITIF DE REGLAGE D'ANGLE POUR COUTRES DE TYPE A DISQUE**
[72] PETER, JEFFREY J., US
[71] FLO-RITE, INC., US
[85] 2018-06-12
[86] 2016-12-12 (PCT/US2016/066214)
[87] (WO2017/112446)
[30] US (62/270,957) 2015-12-22
[30] US (62/278,081) 2016-01-13
[30] US (62/312,221) 2016-03-23

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[21] **3,008,264**
[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01) C07K 14/47 (2006.01)**
[25] EN
[54] **GENE THERAPY FOR OCULAR DISORDERS**
[54] **THERAPIE GENIQUE POUR TROUBLES OCULAIRES**
[72] BENNETT, JEAN, US
[72] BENNICELLI, JEANNETTE, US
[72] SUN, JUNWEI, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2018-06-12
[86] 2016-12-13 (PCT/US2016/066402)
[87] (WO2017/106202)
[30] US (62/266,789) 2015-12-14

---

[21] **3,008,265**
[13] A1
[51] **Int.Cl. A61N 1/04 (2006.01) A61N 1/05 (2006.01) A61N 1/36 (2006.01)**
[25] EN
[54] **ELECTRICAL STIMULATION FOR PRESERVATION AND RESTORATION OF DIAPHRAGM FUNCTION**
[54] **STIMULATION ELECTRIQUE POUR CONSERVATION ET RETABLISSEMENT DE FONCTION DE DIAPHRAGME**
[72] O'MAHONY, JOHN, US
[72] WETHINGTON, PATRICK J., US
[71] STIMDIA MEDICAL, INC., US
[85] 2018-06-12
[86] 2016-12-14 (PCT/US2016/066542)
[87] (WO2017/106273)
[30] US (62/267,095) 2015-12-14
[30] US (62/387,262) 2015-12-23
[30] US (62/276,387) 2016-01-08
[30] US (62/304,509) 2016-03-07
[30] US (62/316,879) 2016-04-01
[30] US (62/342,345) 2016-05-27
[30] US (62/359,972) 2016-07-08
[30] US (62/362,250) 2016-07-14

---

[21] **3,008,266**
[13] A1
[51] **Int.Cl. C07D 513/04 (2006.01) A61K 31/445 (2006.01) A61P 25/28 (2006.01) C07D 211/56 (2006.01)**
[25] EN
[54] **NOVEL COMPOUNDS AND METHODS FOR THE TREATMENT OF ALZHEIMER'S DISEASE AND/OR CEREBRAL AMYLOID ANGIOPATHY**
[54] **NOUVEAUX COMPOSES ET PROCEDES POUR LE TRAITEMENT DE LA MALADIE D'ALZHEIMER ET/OU DE L'ANGIOPATHIE AMYLOIDE CEREBRALE**
[72] BOYD, ROBERT, US
[71] AMICUS THERAPEUTICS, INC., US
[85] 2018-06-12
[86] 2016-12-14 (PCT/US2016/066572)
[87] (WO2017/106288)
[30] US (62/266,760) 2015-12-14
[30] US (15/377,437) 2016-12-13

[21] **3,008,267**
[13] A1
[51] **Int.Cl. C07K 16/24 (2006.01)**
[25] EN
[54] **ANTI-TL1A/ANTI-TNF-ALPHA BISPECIFIC ANTIGEN BINDING PROTEINS AND USES THEREOF**
[54] **PROTEINES DE LIAISON A UN ANTIGENE BISPECIFIQUES ANTI-TL1A/ANTI-TNF-ALPHA ET LEURS UTILISATIONS**
[72] HSU, HAILING, US
[72] KANNAN, GUNASEKARAN, US
[72] WALKER, KENNETH W., US
[72] HORTTER, MICHELLE, US
[72] BELOUSKI, EDWARD J., US
[71] AMGEN INC., US
[85] 2018-06-12
[86] 2016-12-14 (PCT/US2016/066722)
[87] (WO2017/106383)
[30] US (62/268,432) 2015-12-16
[30] US (62/333,063) 2016-05-06
[30] US (PCT/US2016/052006) 2016-09-15

---

[21] **3,008,268**
[13] A1
[51] **Int.Cl. C12N 15/86 (2006.01) A01K 67/027 (2006.01) A61K 48/00 (2006.01) C12N 9/12 (2006.01)**
[25] EN
[54] **ADENO-ASSOCIATED VIRAL VECTORS FOR TREATING MUCOLIPIDOSIS TYPE II**
[54] **VECTEURS VIRAUX ADENO-ASSOCIES POUR TRAITER LA MUCOLIPIDOSE DE TYPE II**
[72] YEW, NELSON, US
[72] JIN, DONG-KYU, KR
[71] GENZYME CORPORATION, US
[71] SAMSUNG LIFE PUBLIC WELFARE FOUNDATION, KR
[85] 2018-06-12
[86] 2016-12-14 (PCT/US2016/066611)
[87] (WO2017/106313)
[30] US (62/267,502) 2015-12-15

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[21] **3,008,269**
[13] A1
[51] **Int.Cl. A61K 39/02 (2006.01) A61K 31/70 (2006.01) A61K 31/7036 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **LISTERIA-BASED IMMUNOTHERAPY AND METHODS OF USE THEREOF**
[54] **IMMUNOTHERAPIE BASEE SUR LA LISTERIA ET SES METHODES D'UTILISATION**
[72] PETIT, ROBERT, US
[72] CODER, BRANDON, US
[71] ADVAXIS, INC., US
[85] 2018-06-12
[86] 2016-12-16 (PCT/US2016/067331)
[87] (WO2017/106754)
[30] US (62/268,255) 2015-12-16

---

[21] **3,008,272**
[13] A1
[51] **Int.Cl. A61K 9/14 (2006.01) A61K 31/395 (2006.01) A61K 31/4164 (2006.01) A61K 31/4184 (2006.01) A61K 47/02 (2006.01) A61K 47/20 (2006.01) A61K 47/38 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING CANCER**
[54] **METHODES DE TRAITEMENT DU CANCER**
[72] RAGAN, PAULA MARIE, US
[72] ARBEIT, ROBERT D., US
[72] CROWLEY, KIERAN JAMES, US
[71] X4 PHARMACEUTICALS, INC., US
[71] GENZYME CORP., US
[85] 2018-06-12
[86] 2016-12-14 (PCT/US2016/066634)
[87] (WO2017/106328)
[30] US (62/267,052) 2015-12-14
[30] US (62/271,087) 2015-12-22
[30] US (62/281,962) 2016-01-22
[30] US (62/428,964) 2016-12-01

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[21] **3,008,273**
[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 10/02 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **METHODS, COMPOSITIONS, KITS AND DEVICES FOR RAPID ANALYSIS OF BIOLOGICAL MARKERS**
[54] **METHODES, COMPOSITIONS, KITS ET DISPOSITIFS POUR L'ANALYSE RAPIDE DE MARQUEURS BIOLOGIQUES**
[72] STEELMAN, BRANDON, US
[71] CLEAR GENE, INC., US
[85] 2018-06-12
[86] 2016-12-16 (PCT/US2016/067381)
[87] (WO2017/106790)
[30] US (62/269,904) 2015-12-18
[30] US (62/387,526) 2015-12-23

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[21] **3,008,275**
[13] A1
[51] **Int.Cl. C08F 265/02 (2006.01) C08F 265/04 (2006.01)**
[25] EN
[54] **MULTI-STAGE POLYMER AS GRINDING ADDITIVE AND METHOD OF PRODUCING THE SAME**
[54] **POLYMERE A PHASES MULTIPLES UTILISABLE EN TANT QU'ADDITIF DE BROYAGE ET SON PROCEDE DE PRODUCTION**
[72] LI, HU, CN
[72] YANG, WEIJUN, CN
[72] WANG, TAO, CN
[72] HUANG, XINHUI, CN
[72] JIANG, SIYUAN, CN
[72] CHEN, CHENGHUI, CN
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
[85] 2018-06-11
[86] 2015-12-15 (PCT/CN2015/097360)
[87] (WO2017/100993)

[21] **3,008,277**
[13] A1
[51] **Int.Cl. B01J 29/44 (2006.01) B01J 29/46 (2006.01) B01J 29/48 (2006.01) B01J 29/70 (2006.01) B01J 37/00 (2006.01) B01J 37/02 (2006.01) C10G 45/08 (2006.01) C10G 45/10 (2006.01) C10G 45/12 (2006.01) C10G 45/62 (2006.01) C10G 45/64 (2006.01) C10G 65/04 (2006.01)**
[25] EN
[54] **TRIM DEWAXING OF DISTILLATE FUEL**
[54] **DEPARAFFINAGE PAR COUPE DE COMBUSTIBLE DE DISTILLAT**
[72] MCCARTHY, STEPHEN J., US
[72] PODSIADLO, PAUL, US
[72] BAI, CHUANSHENG, US
[72] DOUGHERTY, RICHARD C., US
[72] LAI, WENYIH FRANK, US
[72] LONERGAN, WILLIAM W., US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2018-06-12
[86] 2016-12-19 (PCT/US2016/067423)
[87] (WO2017/112558)
[30] US (62/270,234) 2015-12-21

[21] **3,008,278**
[13] A1
[51] **Int.Cl. D21C 9/00 (2006.01) D21H 15/02 (2006.01) D21H 17/37 (2006.01) D21H 17/38 (2006.01) D21H 17/39 (2006.01)**
[25] EN
[54] **MODIFIED FIBER FROM SHREDDED PULP SHEETS, METHODS, AND SYSTEMS**
[54] **FIBRE MODIFIEE A PARTIR DE NAPPES DE PULPE BROYEES, PROCEDES ET SYSTEMES**
[72] MILLER, CHARLES E., US
[72] LOVAS, ALAN D., US
[71] INTERNATIONAL PAPER COMPANY, US
[85] 2018-06-12
[86] 2016-12-22 (PCT/US2016/068417)
[87] (WO2017/117023)
[30] US (14/983,402) 2015-12-29

[21] **3,008,279**
[13] A1
[51] **Int.Cl. A61K 31/4184 (2006.01) A61K 31/4709 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING CANCER**
[54] **METHODES DE TRAITEMENT DU CANCER**
[72] ARBEIT, ROBERT D., US
[72] RAGAN, PAULA MARIE, US
[72] ATKINS, MICHAEL B., US
[72] MIER, JAMES W., US
[72] MCDERMOTT, DAVID, US
[71] X4 PHARMACEUTICALS, INC., US
[71] GEORGETOWN UNIVERSITY, US
[71] BETH ISRAEL DEACONESS MEDICAL CENTER, INC., US
[85] 2018-06-12
[86] 2016-12-14 (PCT/US2016/066639)
[87] (WO2017/106332)
[30] US (62/267,052) 2015-12-14

[21] **3,008,280**
[13] A1
[51] **Int.Cl. C12N 15/864 (2006.01) A61K 48/00 (2006.01) A61P 21/00 (2006.01)**
[25] EN
[54] **ADENO-ASSOCIATED VIRAL VECTORS USEFUL IN TREATMENT OF SPINAL MUSCULAR ATROPY**
[54] **VECTEURS VIRAUX ADENO-ASSOCIES A UTILISER DANS LE TRAITEMENT DE L'AMYOTROPHIE SPINALE**
[72] WILSON, JAMES M., US
[72] HINDERER, CHRISTAIN, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2018-06-12
[86] 2016-12-14 (PCT/US2016/066669)
[87] (WO2017/106354)
[30] US (62/267,012) 2015-12-14

[21] **3,008,281**
[13] A1
[51] **Int.Cl. E21B 43/02 (2006.01) E21B 23/00 (2006.01) E21B 43/04 (2006.01)**
[25] EN
[54] **GRAVEL PACK MANIFOLD AND ASSOCIATED SYSTEMS AND METHODS**
[54] **COLLECTEUR DE GRAVILLONNAGE ET SYSTEMES ET PROCEDES ASSOCIES**
[72] RITCHEY, BRIAN J., US
[71] WEATHERFORD TEHCNOLOGY HOLDINGS, LLC, US
[85] 2018-06-12
[86] 2017-01-05 (PCT/US2017/012275)
[87] (WO2017/123447)
[30] US (14/992,638) 2016-01-11

[21] **3,008,282**
[13] A1
[51] **Int.Cl. A61B 18/04 (2006.01) A61B 18/18 (2006.01) A61F 7/00 (2006.01) A61F 7/12 (2006.01) F22B 1/28 (2006.01) H01F 7/08 (2006.01)**
[25] EN
[54] **VAPOR ABLATION SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES D'ABLATION A LA VAPEUR**
[72] HASTINGS, ROGER NOEL, US
[72] SCHROM, MARK, US
[72] CARLSON, STEVEN, US
[72] HOEY, MICHAEL, US
[72] BYLAND, TIMOTHY D., US
[72] WOO, KARLIAM C., US
[72] BACHMEIER, BRIAN A., US
[71] NXTHERA, INC., US
[85] 2018-06-12
[86] 2016-12-19 (PCT/US2016/067558)
[87] (WO2017/106843)
[30] US (62/269,776) 2015-12-18
[30] US (62/357,742) 2016-07-01

[21] **3,008,283**
[13] A1
[51] **Int.Cl. B01J 29/44 (2006.01) B01J 29/46 (2006.01) B01J 29/48 (2006.01) B01J 29/70 (2006.01) B01J 37/00 (2006.01) B01J 37/02 (2006.01) C10G 45/08 (2006.01) C10G 45/10 (2006.01) C10G 45/12 (2006.01) C10G 45/62 (2006.01) C10G 45/64 (2006.01) C10G 65/04 (2006.01)**
[25] EN
[54] **TRIM DEWAXING OF DISTILLATE FUEL**
[54] **DEPARAFFINAGE DE GARNITURE DE COMBUSTIBLE DE DISTILLAT**
[72] PODSIADLO, PAUL, US
[72] MCCARTHY, STEPHEN J., US
[72] BALIBAN, RICHARD C., US
[72] MILLER, AMANDA K., US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2018-06-12
[86] 2016-12-20 (PCT/US2016/067717)
[87] (WO2017/112647)
[30] US (62/270,213) 2015-12-21
[30] US (62/270,234) 2015-12-21
[30] US (15/281,705) 2016-09-30

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[21] **3,008,285**
[13] A1
[51] **Int.Cl. G02B 27/00 (2006.01) H04N 1/387 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CREATING AND PLACING A COLLECTION OF PERSONALIZED PRODUCTS ON A SURFACE**
[54] **SYSTEME ET PROCEDE POUR CREER ET PLACER UNE COLLECTION DE PRODUITS PERSONNALISES SUR UNE SURFACE**
[72] BRAHMANAPALLI, SYED SALEEM JAVID, US
[72] TANG, STEPHANIE, US
[72] GAERLAN, JUSTIN, US
[72] AVRIEL, JACOB, US
[72] GOTERA, ROMEO, US
[72] SARDINA, KRISTIN, US
[71] SHUTTERFLY, INC., US
[85] 2018-06-12
[86] 2017-01-04 (PCT/US2017/012105)
[87] (WO2017/123437)
[30] US (62/277,836) 2016-01-12
[30] US (15/234,399) 2016-08-11
[30] US (15/354,321) 2016-11-17

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[21] **3,008,286**
[13] A1
[51] **Int.Cl. C12M 1/34 (2006.01) C12N 15/10 (2006.01) C12Q 1/68 (2018.01) G01N 21/01 (2006.01) G01N 21/05 (2006.01) G01N 33/483 (2006.01) G01N 35/08 (2006.01)**
[25] EN
[54] **FLOWCELLS WITH MICRORETAINERS FOR DISCRETE SEEDING MICROSPOTS**
[54] **CUVES A CIRCULATION AVEC MICRODISPOSITIFS DE RECEPTION POUR L'ENSEMENCEMENT DISCRET DE MICROSPOTS**
[72] PERBOST, MICHEL GEORGES, US
[72] PERROUD, THOMAS DANIEL, US
[71] QIAGEN SCIENCES, LLC, US
[85] 2018-06-12
[86] 2016-12-27 (PCT/US2016/068678)
[87] (WO2017/117108)
[30] US (62/271,544) 2015-12-28
[30] US (62/309,122) 2016-03-16

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[21] **3,008,287**
[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) A61K 39/02 (2006.01) A61K 39/12 (2006.01) A61K 39/39 (2006.01)**
[25] EN
[54] **INTERLEUKIN-10 IN PRODUCTION OF ANTIGEN-SPECIFIC CD8+ T CELLS AND METHODS OF USE OF SAME**
[54] **INTERLEUKINE-10 UTILISEE DANS LA PRODUCTION DE LYMPHOCYTES T CD8+ SPECIFIQUES A UN ANTIGENE ET METHODES D'UTILISATION DE CELLE-CI**
[72] MUMM, JOHN BRIAN, US
[72] CHAN, IVAN HO, US
[72] MCCAULEY, SCOTT, US
[72] OGG, SCOTT, US
[72] OFT, MARTIN, US
[71] ARMO BIOSCIENCES, INC., US
[85] 2018-06-12
[86] 2017-01-10 (PCT/US2017/012882)
[87] (WO2017/123557)
[30] US (62/277,442) 2016-01-11

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[21] **3,008,288**
[13] A1
[51] **Int.Cl. G02B 5/30 (2006.01) C09K 19/02 (2006.01) G02F 1/03 (2006.01) G02F 1/139 (2006.01)**
[25] EN
[54] **TWO MODE ELECTRO-OPTIC FILTER**
[54] **FILTRE ELECTRO-OPTIQUE BIMODE**
[72] PETELIN, ANDREJ, SI
[72] MUSEVIC, IGOR, SI
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
[85] 2018-06-12
[86] 2016-12-30 (PCT/US2016/069583)
[87] (WO2017/117570)
[30] US (62/273,547) 2015-12-31

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[21] **3,008,289**
[13] A1
[51] **Int.Cl. A61K 38/17 (2006.01) A61K 35/17 (2015.01) A61K 31/7088 (2006.01) A61K 39/395 (2006.01) A61P 31/12 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01) G01N 33/566 (2006.01)**
[25] EN
[54] **INHIBITION OF CYTOKINE-INDUCED SH2 PROTEIN IN NK CELLS**
[54] **INHIBITION DE PROTEINES SH2 INDUITES PAR DES CYTOKINES DANS DES CELLULES NK**
[72] HUNTINGTON, NICHOLAS D., AU
[72] NICHOLSON, SANDRA E., AU
[72] BABON, JEFF, AU
[72] KOLESNIK, TATIANA, AU
[71] THE WALTER AND ELIZA HALL INSTITUTE OF MEDICAL RESEARCH, AU
[85] 2018-06-13
[86] 2016-12-16 (PCT/AU2016/051252)
[87] (WO2017/100861)
[30] AU (2015905220) 2015-12-16

[21] **3,008,290**
[13] A1
[51] **Int.Cl. C08F 8/08 (2006.01) C08F 10/10 (2006.01) C08F 210/12 (2006.01) C08C 19/06 (2006.01)**
[25] EN
[54] **PROCESS FOR EPOXIDATION OF UNSATURATED POLYMER**
[54] **PROCEDE D'EPOXYDATION DE POLYMERE INSATURE**
[72] BINDER, BRIANNA, CA
[72] ELLIOTT, SARAH, CA
[72] DAVIDSON, GREGORY J. E., CA
[72] GUO, SHARON, CA
[71] ARLANXEO SINGAPORE PTE. LTD., SG
[85] 2018-06-13
[86] 2016-12-14 (PCT/CA2016/051477)
[87] (WO2017/100922)
[30] EP (15200726.6) 2015-12-17

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[21] **3,008,291**
[13] A1
[51] **Int.Cl. C07C 17/275 (2006.01) C07C 17/278 (2006.01) C07C 17/383 (2006.01) C07C 17/389 (2006.01) C07C 19/01 (2006.01)**
[25] EN
[54] **IMPROVED PROCESSES FOR PREPARING HALOGENATED ALKANES**
[54] **PROCEDES AMELIORES DE PREPARATION D'ALCANES HALOGENES**
[72] MYERS, JOHN D., US
[72] TIRTOWIDJOJO, MAX M., US
[72] LUEBBE, THOMAS U., US
[72] SELL, MARC M., US
[71] BLUE CUBE IP LLC, US
[85] 2018-06-12
[86] 2017-01-04 (PCT/US2017/012223)
[87] (WO2017/120264)
[30] US (62/274,601) 2016-01-04
[30] US (62/277,400) 2016-01-11

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[21] **3,008,292**
[13] A1
[51] **Int.Cl. C07D 221/22 (2006.01) A61K 31/40 (2006.01)**
[25] EN
[54] **DRY POWDER INHALER COMPOSITIONS OF 7-AZONIABICYCLO[2.2.1]HEPTANE DERIVATIVES**
[54] **COMPOSITIONS DE DERIVES DE 7-AZONIABICYCLO [2.2.1] HEPTANE POUR INHALATEURS DE POUDRE SECHE**
[72] VENKATRAMAN, MEENAKSHI S., US
[72] ZHANG, XIAOMING, US
[72] HAYWOOD, PHILLIP, GB
[71] THERON PHARMACEUTICALS, INC., US
[85] 2018-06-12
[86] 2017-01-07 (PCT/US2017/012650)
[87] (WO2017/120559)
[30] US (62/276,778) 2016-01-08

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[21] **3,008,294**
[13] A1
[51] **Int.Cl. G06Q 10/00 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PROCESSING DATA THAT DISAGREES**
[54] **PROCEDE ET SYSTEME DE TRAITEMENT DE DONNEES EN CONFLIT**
[72] TAN, KENNETH, AU
[72] DREW, ROBERT, AU
[71] BITTER N TWISTED ENTERPRISES PTY LTD, AU
[85] 2018-06-13
[86] 2016-12-23 (PCT/AU2016/051292)
[87] (WO2017/117623)
[30] AU (2016900029) 2016-01-06

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[21] **3,008,304**
[13] A1
[51] **Int.Cl. C08B 3/08 (2006.01) C08B 3/10 (2006.01)**
[25] EN
[54] **ACYLATION OF BIOPOLYMER COMPRISING ANHYDROGLUCOSE UNITS**
[54] **ACYLATION DE BIOPOLYMERE COMPRENANT DES MOTIFS ANHYDROGLUCOSE**
[72] ENGLISH, ROBERT, GB
[72] GRAVESON, IAN, GB
[72] MOMIN, SASCHI, GB
[72] FERLIN, NADEGE, FR
[71] SAPPI NETHERLANDS SERVICES B.V., NL
[85] 2018-06-11
[86] 2016-12-19 (PCT/EP2016/081780)
[87] (WO2017/108709)
[30] EP (15202027.7) 2015-12-22

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[21] **3,008,306**
[13] A1
[51] **Int.Cl. A61C 13/00 (2006.01) A61C 13/34 (2006.01) A61C 13/38 (2006.01)**
[25] EN
[54] **PRE-FORMS AND METHODS FOR USING SAME IN THE MANUFACTURE OF DENTAL PROSTHESES**
[54] **PRE-FORMES ET LEURS PROCEDES D'UTILISATION DANS LA FABRICATION DE PROTHESES DENTAIRES**
[72] RYNERSON, MICHAEL, CA
[72] PEROT, JEAN-MARC, CA
[72] ROY, PIERRE-OLIVIER, CA
[71] DENTAL WINGS INC., CA
[85] 2018-06-13
[86] 2015-12-22 (PCT/CA2015/051360)
[87] (WO2016/101071)
[30] US (62/095,250) 2014-12-22

[21] **3,008,308**
[13] A1
[51] **Int.Cl. C08C 19/40 (2006.01) C08C 19/06 (2006.01) C08F 210/12 (2006.01)**
[25] EN
[54] **BUTYL RUBBER CONTAINING ALLYLIC ALCOHOL**
[54] **CAOUTCHOUC DE BUTYLE CONTENANT UN ALCOOL ALLYLIQUE**
[72] ELLIOTT, SARAH J., CA
[72] DAVIDSON, GREGORY J.E., CA
[72] GUO, SHARON, CA
[71] ARLANXEO SINGAPORE PTE. LTD., SG
[85] 2018-06-13
[86] 2016-12-14 (PCT/CA2016/051478)
[87] (WO2017/100923)
[30] EP (15200728.2) 2015-12-17

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[21] **3,008,312**
[13] A1
[51] **Int.Cl. C07D 239/94 (2006.01) A61K 31/517 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **NOVEL FLUORINATED QUINAZOLINE DERIVATIVES AS EGFR INHIBITORS**
[54] **NOUVEAUX DERIVES DE QUINAZOLINE FLUORES UTILISES COMME INHIBITEURS DU RECEPTEUR DU FACTEUR DE CROISSANCE EPIDERMIQUE (EGFR)**
[72] SLASSI, ABDELMALIK, CA
[72] DOVE, PETER, CA
[71] TRILLIUM THERAPEUTICS INC., CA
[85] 2018-06-13
[86] 2017-01-06 (PCT/CA2017/050015)
[87] (WO2017/117680)
[30] US (62/275,376) 2016-01-06

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[21] **3,008,314**
[13] A1
[51] **Int.Cl. C08J 3/24 (2006.01) C08F 8/04 (2006.01) C08F 210/12 (2006.01) C08K 5/42 (2006.01)**
[25] EN
[54] **TREATMENT OF EPOXIDIZED UNSATURATED ISOOLEFIN COPOLYMERS**
[54] **TRAITEMENT DE COPOLYMERES D'ISOOLEFINE INSATURES EPOXYDES**
[72] NGUYEN, PAUL, CA
[72] CROCKETT, TREENA, CA
[72] DAVIDSON, GREGORY J.E., CA
[72] GUO, SHARON, CA
[71] ARLANXEO SINGAPORE PTE. LTD., SG
[85] 2018-06-13
[86] 2016-12-14 (PCT/CA2016/051479)
[87] (WO2017/100924)
[30] EP (15200717.5) 2015-12-17

---

[21] **3,008,315**
[13] A1
[51] **Int.Cl. A61K 35/741 (2015.01) A61K 9/16 (2006.01) A61K 9/19 (2006.01) A61K 47/26 (2006.01) A61P 1/00 (2006.01) A61P 31/00 (2006.01) C12N 1/04 (2006.01)**
[25] FR
[54] **LYOPHILIZED COMPOSITION FOR PRESERVING MICROBIOTA IN ITS ECOSYSTEM**
[54] **COMPOSITION LYOPHILISEE POUR LA CONSERVATION DE MICROBIOTE DANS SON ECOSYSTEME**
[72] KAPEL, NATHALIE, FR
[72] WALIGORA-DUPRIET, ANNE-JUDITH, FR
[72] THOMAS, MURIEL, FR
[72] CHARRUEAU, CHRISTINE, FR
[72] JOLY, FRANCISCA, FR
[72] MAYEUR, CAMILLE, FR
[72] ROBERT, VERONIQUE, FR
[72] DELANNOY, JOHANNE, FR
[71] INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE, FR
[71] UNIVERSITE PARIS DESCARTES, FR
[71] UNIVERSITE PARIS DIDEROT - PARIS 7, FR
[71] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR
[85] 2018-06-11
[86] 2016-12-16 (PCT/EP2016/081603)
[87] (WO2017/103225)
[30] FR (1562836) 2015-12-18

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[21] **3,008,316**
[13] A1
[51] **Int.Cl. B22F 7/06 (2006.01) C23C 24/08 (2006.01) F01D 11/12 (2006.01) B22F 3/105 (2006.01)**
[25] FR
[54] **ABRADABLE COATING HAVING VARIABLE DENSITIES**
[54] **REVETEMENT ABRADABLE A DENSITE VARIABLE**
[72] LE BIEZ, PHILIPPE CHARLES ALAIN, FR
[72] CHEVALLIER, GEOFFROY, FR
[72] EPHERRE, ROMAIN, FR
[72] ESTOURNES, CLAUDE, FR
[72] MOTTIN, JEAN-BAPTISTE, FR
[72] SELEZNEFF, SERGE GEORGES VLADIMIR, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE PAUL SABATIER, FR
[85] 2018-06-12
[86] 2016-12-13 (PCT/FR2016/053358)
[87] (WO2017/103420)
[30] FR (1562318) 2015-12-14

---

[21] **3,008,317**
[13] A1
[51] **Int.Cl. C03C 3/091 (2006.01) B32B 17/10 (2006.01)**
[25] FR
[54] **ASYMMETRIC LAMINATED GLASS**
[54] **VERRE FEUILLETE ASYMETRIQUE**
[72] CLAIREAUX, CORINNE, FR
[72] FREDY, CAROLE, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2018-06-12
[86] 2016-12-14 (PCT/FR2016/053420)
[87] (WO2017/103471)
[30] FR (1562665) 2015-12-17

[21] **3,008,318**
[13] A1
[51] **Int.Cl. A61K 31/551 (2006.01) A61K 9/127 (2006.01) A61K 9/14 (2006.01) A61K 47/02 (2006.01) A61K 47/24 (2006.01) A61P 35/00 (2006.01) C07D 513/14 (2006.01)**
[25] EN
[54] **METAL COMPLEXED THERAPEUTIC AGENTS AND LIPID-BASED NANOPARTICULATE FORMULATIONS THEREOF**
[54] **AGENTS THERAPEUTIQUES COMPLEXES A UN METAL FORMULES DANS DES NANOPARTICULES LIPIDIQUES**
[72] BALLY, MARCEL, CA
[72] LEUNG, ADA, CA
[72] PROSSER, KATHLEEN, CA
[72] WALSBY, CHARLES, CA
[72] WEHBE, MOHAMED, CA
[72] ANANTHA, MALATHI, CA
[71] BRITISH COLUMBIA CANCER AGENCY BRANCH, CA
[85] 2018-06-13
[86] 2016-12-15 (PCT/CA2016/051480)
[87] (WO2017/100925)
[30] US (62/267,426) 2015-12-15

---

[21] **3,008,320**
[13] A1
[51] **Int.Cl. B01L 3/00 (2006.01) B04B 5/04 (2006.01)**
[25] EN
[54] **DEVICE SUITABLE FOR CENTRIFUGING AND METHOD USING SAME**
[54] **DISPOSITIF ADAPTE A LA CENTRIFUGATION ET PROCEDE L'UTILISANT**
[72] ALARZA, ALEXANDRA, FR
[72] BILLON, JULIEN, FR
[71] LABORATOIRE FRANCAIS DU FRACTIONNEMENT ET DES BIOTECHNOLOGIES, FR
[85] 2018-06-12
[86] 2016-12-16 (PCT/FR2016/053509)
[87] (WO2017/103524)
[30] FR (15 62747) 2015-12-18

---

[21] **3,008,322**
[13] A1
[51] **Int.Cl. H04W 84/18 (2009.01) H04W 80/02 (2009.01)**
[25] EN
[54] **SYSTEM, METHOD AND APPARATUS FOR SENSING CHANGES IN AN ENVIRONMENT USING WIRELESS COMMUNICATION SIGNALS**
[54] **SYSTEME, PROCEDE ET APPAREIL POUR DETECTER DES CHANGEMENTS DANS UN ENVIRONNEMENT A L'AIDE DE SIGNAUX DE COMMUNICATION SANS FIL**
[72] ALLEGUE MARTINEZ, MICHEL, CA
[72] SMITH, MATTHEW KIRBY, CA
[71] AERIAL TECHNOLOGIES INC., CA
[85] 2018-06-13
[86] 2016-12-22 (PCT/CA2016/051533)
[87] (WO2017/106976)
[30] US (62/387,174) 2015-12-23

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[21] **3,008,323**
[13] A1
[51] **Int.Cl. G06F 21/32 (2013.01) G06F 21/36 (2013.01) H04L 9/32 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AUTHENTICATION USING DIGITAL SIGNATURE WITH BIOMETRICS**
[54] **SYSTEMES ET PROCEDES D'AUTHENTIFICATION UTILISANT UNE SIGNATURE NUMERIQUE AVEC BIOMETRIE**
[72] GANONG, RAY, CA
[72] WAUGH, DONALD CRAIG, CA
[72] DOLEJS, JAKUB, GB
[72] WYSOCKI, TOMASZ, CA
[72] STUDHOLME, CHRIS, CA
[71] APPLIED RECOGNITION INC., CA
[85] 2018-06-13
[86] 2016-12-15 (PCT/CA2016/051484)
[87] (WO2017/100929)
[30] US (62/267,758) 2015-12-15

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[21] **3,008,324**
[13] A1
[51] **Int.Cl. C03C 3/085 (2006.01) C03C 3/087 (2006.01) C03C 4/02 (2006.01) C03C 21/00 (2006.01)**
[25] FR
[54] **THIN, CHEMICALLY STRENGTHENED COLOURED GLASS**
[54] **VERRE MINCE COLORE RENFORCE CHIMIQUEMENT**
[72] CLAIREAUX, CORINNE, FR
[72] FREDY, CAROLE, FR
[72] CINTORA-GONZALEZ, OCTAVIO, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2018-06-12
[86] 2016-12-16 (PCT/FR2016/053514)
[87] (WO2017/103528)
[30] FR (1562678) 2015-12-17

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[21] **3,008,325**
[13] A1
[51] **Int.Cl. C11D 1/12 (2006.01) C11D 1/92 (2006.01) C11D 3/60 (2006.01)**
[25] EN
[54] **CLEANSING COMPOSITION**
[54] **COMPOSITION DE NETTOYAGE**
[72] YIN, HUIYAN, CN
[72] HE, XIANG DONG, CN
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2018-06-13
[86] 2015-12-29 (PCT/CN2015/099481)
[87] (WO2017/113104)

---

[21] **3,008,326**
[13] A1
[51] **Int.Cl. H04W 24/10 (2009.01)**
[25] EN
[54] **ENERGY EFFICIENT CSI MEASUREMENT FOR FD-MIMO**
[54] **MESURE D'INFORMATIONS D'ETAT DE CANAL (CSI) ECOENERGETIQUE SERVANT A DES SYSTEMES A ENTREES MULTIPLES, SORTIES MULTIPLES DE PLEINE DIMENSION (FD-MIMO)**
[72] WEI, CHAO, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-06-13
[86] 2016-11-07 (PCT/CN2016/104860)
[87] (WO2017/128800)
[30] CN (PCT/CN2016/072502) 2016-01-28

[21] **3,008,328**
[13] A1
[51] **Int.Cl. E06B 9/80 (2006.01) E06B 9/88 (2006.01)**
[25] EN
[54] **UNIVERSAL AUTOMATIC TENSIONING SYSTEM FOR ROLLER BLINDS AND AWNINGS WITH SIDE RAILS**
[54] **SYSTEME DE TENSION AUTOMATIQUE UNIVERSEL DESTINE AUX STORES ENROULEURS ET AUVENTS A RAILS LATERAUX**
[72] RAGGINI, MARCO, IT
[71] ROLLEASE ACMEDA INC., US
[85] 2018-06-12
[86] 2016-12-16 (PCT/EP2016/081360)
[87] (WO2017/108604)
[30] EP (15201446.0) 2015-12-20

[21] **3,008,329**
[13] A1
[51] **Int.Cl. C08L 23/10 (2006.01) C08J 3/20 (2006.01) C08K 5/01 (2006.01) C08K 5/07 (2006.01) H01B 3/44 (2006.01) H01B 7/02 (2006.01)**
[25] FR
[54] **POLYMER COMPOSITION COMPRISING A DIELECTRIC LIQUID HAVING IMPROVED POLARITY**
[54] **COMPOSITION POLYMERE COMPRENANT UN LIQUIDE DIELECTRIQUE PRESENTANT UNE POLARITE AMELIOREE**
[72] PEREGO, GABRIELE, IT
[72] MAZEL, CHRISTELLE, FR
[72] MEYER, MATTHIAS, DE
[72] CHARRIER, DIMITRI, FR
[72] FESTAZ, XAVIER, FR
[72] COMBESSIS, ANTHONY, FR
[71] NEXANS, FR
[85] 2018-06-13
[86] 2016-12-15 (PCT/FR2016/053478)
[87] (WO2017/103509)
[30] FR (15 62782) 2015-12-18

[21] **3,008,330**
[13] A1
[51] **Int.Cl. A61L 27/18 (2006.01)**
[25] EN
[54] **THREE-DIMENSIONAL POROUS POLYURETHANE SCAFFOLD FOR REPAIRING CENTRAL NERVE INJURIES AND PREPARATION METHOD THEREOF**
[54] **ENDOPROTHESE EN POLYURETHANE POREUX TRIDIMENSIONNEL POUR REPARER DES LESIONS DU SYSTEME NERVEUX CENTRAL ET PROCEDE DE PREPARATION**
[72] TAN, HONG, CN
[72] FANG, FANG, CN
[72] LI, JIEHUA, CN
[72] WANG, YANCHAO, CN
[72] WU, YINGKE, CN
[72] FU, QIANG, CN
[72] LUO, FENG, CN
[71] SICHUAN UNIVERSITY, CN
[85] 2018-06-13
[86] 2016-12-13 (PCT/CN2016/109596)
[87] (WO2017/101754)
[30] CN (201510947956.7) 2015-12-17

[21] **3,008,332**
[13] A1
[51] **Int.Cl. B22F 1/00 (2006.01) B22F 9/24 (2006.01)**
[25] FR
[54] **GOLD NANOPARTICLES AND ECOLOGICAL METHOD OF PRODUCTION**
[54] **NANOPARTICULES D'OR ET PROCEDE ECOLOGIQUE DE PREPARATION**
[72] MOREL, ANNE-LAURE, FR
[71] TORSKAL, FR
[71] MOREL, ANNE-LAURE, FR
[85] 2018-06-13
[86] 2017-01-23 (PCT/FR2017/050131)
[87] (WO2017/125695)
[30] FR (1650520) 2016-01-22

[21] **3,008,333**
[13] A1
[51] **Int.Cl. A61K 39/39 (2006.01) A61K 47/22 (2006.01)**
[25] EN
[54] **USE OF ADJUVANTS FOR THE PREVENTION AND/OR TREATMENT OF AUTOIMMUNE DISEASES**
[54] **UTILISATION D'ADJUVANTS POUR LA PREVENTION ET/OU LE TRAITEMENT DE MALADIES AUTO-IMMUNES**
[72] MOREL, SANDRA, BE
[72] POUCHY, CHARLOTTE VERONIQUE, FR
[72] SALOMON, BENOIT LAURENT, FR
[72] VANERHEYDE, NATHALIE RAOUL LILIANE, BE
[71] GLAXOSMITHKLINE BIOLOGICALS S.A., BE
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR
[71] SORBONNE UNIVERSITE, FR
[85] 2018-06-13
[86] 2016-12-15 (PCT/EP2016/081181)
[87] (WO2017/102939)
[30] GB (1522329.0) 2015-12-17

[21] **3,008,334**
[13] A1
[51] **Int.Cl. C07F 9/11 (2006.01) A61K 31/675 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **WATER-SOLUBLE DERIVATIVES OF 3,5-DIPHENYL-DIAZOLE COMPOUNDS**
[54] **DERIVES HYDROSOLUBLES DE COMPOSES 3,5-DIPHENYL-DIAZOLE**
[72] GRIESINGER, CHRISTIAN, DE
[72] LEONOV, ANDREI, DE
[72] RYAZANOV, SERGEY, DE
[72] GIESE, ARMIN, DE
[72] SCHMIDT, FELIX, DE
[71] MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V., DE
[71] GIESE, ARMIN, DE
[71] SCHMIDT, FELIX, DE
[85] 2018-06-13
[86] 2016-12-14 (PCT/EP2016/081084)
[87] (WO2017/102893)
[30] EP (15199972.9) 2015-12-14

[21] **3,008,337**
[13] A1
[51] **Int.Cl. A47L 5/38 (2006.01) A47L 9/14 (2006.01)**
[25] EN
[54] **COMPACT SUCTION STATION**
[54] **CENTRALE D'ASPIRATION COMPACTE**
[72] GARCIA VILA, ALEJANDRO, ES
[71] SISTEMAS DE ASPIRACION CENTRALIZADA DEL HOGAR, S.L., ES
[85] 2018-06-13
[86] 2015-12-15 (PCT/ES2015/070910)
[87] (WO2017/103293)

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[21] **3,008,338**
[13] A1
[51] **Int.Cl. A61K 9/20 (2006.01) A61K 9/48 (2006.01) A61K 31/00 (2006.01)**
[25] EN
[54] **FORMULATIONS/COMPOSITIONS COMPRISING A BTK INHIBITOR**
[54] **FORMULATIONS/COMPOSITIONS COMPRENANT UN INHIBITEUR DE BTK**
[72] GUPTA, MANISH KUMAR, BE
[72] KULKARNI, PARIKSHIT RAMESHRAO, IN
[72] KRISHNAN NAIR, BINURAJ, IN
[71] JANSSEN PHARMACEUTICA NV, BE
[85] 2018-06-13
[86] 2017-01-18 (PCT/EP2017/050962)
[87] (WO2017/125423)
[30] IN (201621001986) 2016-01-19

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[21] **3,008,339**
[13] A1
[51] **Int.Cl. B65D 21/06 (2006.01)**
[25] EN
[54] **STACKABLE BOX**
[54] **CAISSE EMPILABLE**
[72] MULLOR MORENO, JUAN VICENTE, ES
[71] MULLOR MORENO, JUAN VICENTE, ES
[85] 2018-06-13
[86] 2016-12-12 (PCT/ES2016/070879)
[87] (WO2017/103307)
[30] ES (U201531379) 2015-12-14

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[21] **3,008,340**
[13] A1
[51] **Int.Cl. A47J 31/44 (2006.01)**
[25] EN
[54] **DISPENSING GROUP FOR AN ESPRESSO COFFEE MACHINE WITH FRONTAL INSERTION OF THE FILTER HOLDER**
[54] **GROUPE DE DISTRIBUTION POUR MACHINE A CAFE EXPRESSO AVEC INSERTION FRONTALE DE PORTE-FILTRE**
[72] BAKKE, KENT, US
[72] BIANCHI, ROBERTO, IT
[72] GATTI, RICCARDO, IT
[72] KEMPEN, ANKE, NL
[72] VERBERKMOES, ERIC, NL
[72] BEEKHUIS, HOUDIJN, NL
[72] WILMING, MAARTEN, NL
[71] LA MARZOCCO S.R.L., IT
[85] 2018-06-13
[86] 2017-02-02 (PCT/EP2017/052213)
[87] (WO2017/134141)
[30] IT (102016000010850) 2016-02-03

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[21] **3,008,343**
[13] A1
[51] **Int.Cl. G02B 23/24 (2006.01) A61B 1/00 (2006.01) A61B 1/06 (2006.01) E21B 47/00 (2012.01) G01N 21/954 (2006.01)**
[25] EN
[54] **INSPECTION ASSEMBLY**
[54] **ENSEMBLE D'INSPECTION**
[72] THURSBY, JONATHAN, GB
[72] PECK, SHAUN, GB
[71] E.V. OFFSHORE LIMITED, GB
[85] 2018-06-13
[86] 2016-12-13 (PCT/GB2016/053923)
[87] (WO2017/103579)
[30] GB (1522066.8) 2015-12-15

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[21] **3,008,347**
[13] A1
[51] **Int.Cl. A61B 18/18 (2006.01) A61B 18/04 (2006.01)**
[25] EN
[54] **ELECTROSURGICAL INSTRUMENT HAVING MULTIPLE TREATMENT MODALITIES**
[54] **INSTRUMENT ELECTROCHIRURGICAL COMPORTANT DE MULTIPLES MODALITES DE TRAITEMENT**
[72] HANCOCK, CHRISTOPHER PAUL, GB
[72] PRESTON, SHAUN, GB
[72] AMOAH, FRANCIS, GB
[72] WHITE, MALCOLM, GB
[72] TSIAMOULOS, ZACHARIAS, GB
[72] SAUNDERS, BRIAN, GB
[71] CREO MEDICAL LIMITED, GB
[85] 2018-06-13
[86] 2017-03-02 (PCT/EP2017/054899)
[87] (WO2017/149072)
[30] GB (1603744.2) 2016-03-04

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[21] **3,008,348**
[13] A1
[51] **Int.Cl. B65H 20/14 (2006.01) B65G 51/02 (2006.01)**
[25] EN
[54] **AIR NOZZLE FOR GUIDING A STEEL STRIP AT THE EXIT FROM A DEVICE FOR SHEARING A STEEL SHEET AND COMPUTER ASSISTED DESIGN FILE**
[54] **BUSE A AIR POUR GUIDER UNE BANDE D'ACIER A LA SORTIE D'UN DISPOSITIF POUR CISAILLER UNE TOLE D'ACIER ET FICHIER DE CONCEPTION ASSISTEE PAR ORDINATEUR**
[72] DIAZ VAQUERO, SHEILA, ES
[72] FERNANDEZ LOPEZ, JUAN JOSE, ES
[71] ARCELORMITTAL, LU
[85] 2018-06-13
[86] 2015-12-29 (PCT/IB2015/002425)
[87] (WO2017/115096)

[21] **3,008,352**
[13] A1
[51] **Int.Cl. C12N 5/0775 (2010.01) C12N 5/077 (2010.01) C12N 5/0783 (2010.01) A61K 35/17 (2015.01) A61K 35/28 (2015.01) C07K 14/54 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **MESENCHYMAL STEM CELLS TO ENHANCE ANTI-TUMOR ACTIVITY OF IMMUNOTHERAPY**
[54] **CELLULES SOUCHES MESENCHYMATEUSES POUR AMELIORER L'ACTIVITE ANTITUMORALE D'UNE IMMUNOTHERAPIE**
[72] HERMANN, FELIX, DE
[72] GUNTHER, CHRISTINE, DE
[72] GEUMANN, ULF, DE
[71] APCETH GMBH & CO. KG, DE
[85] 2018-06-13
[86] 2017-03-31 (PCT/EP2017/057679)
[87] (WO2017/167959)
[30] EP (16163557.8) 2016-04-01
[30] EP (16176185.3) 2016-06-24

[21] **3,008,353**
[13] A1
[51] **Int.Cl. G01N 33/58 (2006.01)**
[25] EN
[54] **CHROMOGENIC PEROXIDASE SUBSTRATES**
[54] **SUBSTRATS DE PEROXYDASE A FRACTION CHROMOGENE**
[72] HANSEN, MIKE PAW MAISCHNACK, DK
[72] LOHSE, JESPER, DK
[71] DAKO DENMARK A/S, DK
[85] 2018-06-13
[86] 2016-12-19 (PCT/IB2016/001920)
[87] (WO2017/103678)
[30] US (62/269,575) 2015-12-18

[21] **3,008,354**
[13] A1
[51] **Int.Cl. A61K 31/7012 (2006.01) A61P 3/10 (2006.01) A61P 9/10 (2006.01) A61P 25/28 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING 3'-O-GLUCURONIDE EPICATECHIN AND METHODS OF MAKING AND USING SUCH COMPOSITIONS**
[54] **COMPOSITIONS CONTENANT DE LA 3'-O-GLUCURONIDE EPICATECHINE ET PROCEDES DE FABRICATION ET D'UTILISATION DESDITES COMPOSITIONS**
[72] ACTIS GORETTA, LUCAS, CH
[72] PATIN, AMAURY, CH
[72] MICHLIG GONZALEZ, STEPHANIE, CH
[72] CAMACHO, SUSANA, CH
[72] LEGRAND, COLINE, CH
[72] LE COUTRE, JOHANNES, CH
[72] CASTANEDA GUTIERREZ, EURIDICE, CH
[72] SILVA ZOLEZZI, IRMA, CH
[71] NESTEC S.A., CH
[85] 2018-06-13
[86] 2016-12-15 (PCT/EP2016/081225)
[87] (WO2017/102965)
[30] US (62/268,035) 2015-12-16
[30] US (62/286,728) 2016-01-25

[21] **3,008,355**
[13] A1
[51] **Int.Cl. G01V 1/24 (2006.01)**
[25] EN
[54] **AVERAGE CLOCK ADJUSTMENT FOR DATA ACQUISITION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'AJUSTEMENT D'HORLOGE MOYENNE POUR ACQUISITION DE DONNEES**
[72] SENECHAL, EMMANUEL, FR
[71] SERCEL, FR
[85] 2018-06-13
[86] 2016-12-14 (PCT/IB2016/001939)
[87] (WO2017/103681)
[30] US (14/968,991) 2015-12-15

[21] **3,008,358**
[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/4709 (2006.01) A61P 21/00 (2006.01) C07D 215/20 (2006.01) C07D 215/54 (2006.01) C07D 401/04 (2006.01) C07D 401/12 (2006.01) C07D 405/12 (2006.01) C07D 413/12 (2006.01) C07D 413/14 (2006.01) C07D 417/12 (2006.01) C07D 491/048 (2006.01)**
[25] EN
[54] **QUINOLINE-3-CARBOXAMIDES AS H-PGDS INHIBITORS**
[54] **QUINOLEINE-3-CARBOXAMIDES UTILISES COMME INHIBITEURS DE H-PGDS**
[72] CADILLA, RODOLFO, US
[72] DEATON, DAVE NORMAN, US
[72] HANCOCK, ASHLEY PAUL, GB
[72] HOBBS, HEATHER, GB
[72] HODGSON, SIMON TEANBY, GB
[72] LARKIN, ANDREW L., US
[72] LE, JOELLE, GB
[72] MORTENSON, PAUL N., GB
[72] PRICE, DANIEL J., US
[72] SAXTY, GORDON, GB
[72] SCHALLER, LEE T., US
[72] SCHULTE, CHRISTIE, US
[72] SMITH, IAN EDWARD DAVID, GB
[72] THOMSON, STEPHEN ANDREW, US
[72] WILSON, JOSEPH WENDELL, US
[71] ASTEX THERAPEUTICS LIMITED, GB
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
[85] 2018-06-13
[86] 2016-12-15 (PCT/IB2016/057676)
[87] (WO2017/103851)
[30] US (62/268,630) 2015-12-17

[21] **3,008,360**
[13] A1
[51] **Int.Cl. H01R 12/75 (2011.01) H01R 4/48 (2006.01) H01R 12/51 (2011.01) H01R 12/57 (2011.01)**
[25] EN
[54] **TERMINAL BLOCK, PARTICULARLY FOR THE ELECTRICAL CONNECTION OF PRINTED CIRCUIT BOARDS**
[54] **BORNIER, PARTICULIEREMENT POUR CONNEXION ELECTRIQUE DE CARTES DE CIRCUITS IMPRIMES**
[72] FAVERO, SANTINO, IT
[72] PAGETTA, BRUNO, IT
[72] BORELLA, RAFFAELE, IT
[72] FACCO, NICOLA, IT
[71] SAURO S.R.L., IT
[85] 2018-06-13
[86] 2016-12-20 (PCT/IB2016/057815)
[87] (WO2017/109691)
[30] IT (102015000085537) 2015-12-21

---

[21] **3,008,361**
[13] A1
[51] **Int.Cl. C21B 13/00 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING MOLTEN IRON**
[54] **PROCEDE DE FABRICATION DE FONTE LIQUIDE**
[72] CHOI, EUNG SOO, KR
[72] YI, JOON GIU, KR
[72] BAE, JIN CHAN, KR
[71] POSCO, KR
[85] 2018-06-13
[86] 2016-12-14 (PCT/KR2016/014662)
[87] (WO2017/105084)
[30] KR (10-2015-0178172) 2015-12-14

---

[21] **3,008,362**
[13] A1
[51] **Int.Cl. A61K 6/00 (2006.01)**
[25] EN
[54] **DENTAL ADHESIVE MATERIAL KIT**
[54] **KIT DE MATERIAUX ADHESIFS DENTAIRES**
[72] SUZUKI, KENJI, JP
[71] KURARAY NORITAKE DENTAL INC., JP
[85] 2018-06-13
[86] 2016-12-12 (PCT/JP2016/005108)
[87] (WO2017/104128)
[30] JP (2015-247828) 2015-12-18

---

[21] **3,008,364**
[13] A1
[51] **Int.Cl. E06B 9/24 (2006.01)**
[25] EN
[54] **SOLAR SHADING MODULE, GLAZED STRUCTURE, BUILDING, AND METHOD OF OPERATING A SOLAR SHADING MODULE**
[54] **MODULE D'OMBRAGE SOLAIRE, STRUCTURE VITREE, BATIMENT, ET PROCEDE DE FONCTIONNEMENT DE MODULE D'OMBRAGE SOLAIRE**
[72] DE RIDDER, CHRISTIAAN MARTINUS PETRUS, NL
[72] KIN, SAM, NL
[72] KOUTERS, LUCAS JOHANNES CORNELIS, NL
[72] KNEPPERS, JOB LEONARDUS, NL
[71] SOLARSWING ENERGY B.V., NL
[85] 2018-06-13
[86] 2016-11-28 (PCT/NL2016/050837)
[87] (WO2017/091077)
[30] NL (2015879) 2015-11-27

---

[21] **3,008,365**
[13] A1
[51] **Int.Cl. C08B 15/08 (2006.01) B29C 47/00 (2006.01) C08B 3/00 (2006.01) C08B 15/02 (2006.01) C08L 1/04 (2006.01) C08L 1/10 (2006.01) D21C 9/00 (2006.01) D21H 11/18 (2006.01)**
[25] EN
[54] **MANUFACTURE OF NANOCELLULOSE AND INTERMEDIATES THEREOF USING OXALIC ACID DIHYDRATE**
[54] **FABRICATION DE NANOCELLULOSE ET D'INTERMEDIAIRES DE CELLE-CI EN UTILISANT DE D'ACIDE OXALIQUE DIHYDRATE**
[72] LI, DONGFANG, SE
[72] HENSCHEN, JONATAN, SE
[72] EK, MONICA, SE
[71] FINECELL SWEDEN AB, SE
[85] 2018-06-13
[86] 2016-12-16 (PCT/SE2016/051280)
[87] (WO2017/105337)
[30] SE (1551657-8) 2015-12-16

---

[21] **3,008,366**
[13] A1
[51] **Int.Cl. A63F 13/65 (2014.01) A63F 13/426 (2014.01) A63F 13/5372 (2014.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR LIVE DETERMINING OF A SPORTS DEVICE**
[54] **PROCEDE ET SYSTEME DE DETERMINATION EN TEMPS REEL D'UN EQUIPEMENT SPORTIF**
[72] PELZER, FRANK, DE
[71] PELZER, FRANK, DE
[85] 2018-06-13
[86] 2016-12-12 (PCT/DE2016/100575)
[87] (WO2017/101905)
[30] DE (10 2015 121 854.2) 2015-12-15

---

[21] **3,008,368**
[13] A1
[51] **Int.Cl. A61M 3/02 (2006.01)**
[25] EN
[54] **EMERGENCY STOP FOR A SYSTEM AND A METHOD FOR ANAL AND/OR STOMAL IRRIGATION**
[54] **ARRET D'URGENCE POUR UN SYSTEME ET PROCEDE D'IRRIGATION ANALE ET/OU POUR STOMIE**
[72] FALLEBOE, HANS, DK
[72] VESTERGAARD, MARIE SVANE RIZK, DK
[71] COLOPLAST A/S, DK
[85] 2018-06-13
[86] 2016-12-16 (PCT/DK2016/050442)
[87] (WO2017/101954)
[30] DK (PA 2015 70833) 2015-12-17

[21] **3,008,371**
[13] A1
[51] **Int.Cl. G06F 3/041 (2006.01) G06F 3/044 (2006.01)**
[25] EN
[54] **COORDINATE CORRECTION APPARATUS, COORDINATE CORRECTION METHOD, AND COORDINATE CORRECTION PROGRAM**
[54] **DISPOSITIF DE CORRECTION DE COORDONNEES, PROCEDE DE CORRECTION DE COORDONNEES, ET PROGRAMME DE CORRECTION DE COORDONNEES**
[72] SASAKI, YUICHI, JP
[72] HORI, ATSUSHI, JP
[72] MORI, KENTARO, JP
[72] NEGISHI, HIROYASU, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2018-06-13
[86] 2016-03-22 (PCT/JP2016/058898)
[87] (WO2017/163297)

---

[21] **3,008,373**
[13] A1
[51] **Int.Cl. C03B 9/38 (2006.01)**
[25] EN
[54] **MOLD COOLING METHOD AND SYSTEM FOR A GLASS CONTAINER FORMING MACHINE**
[54] **SYSTEME ET PROCEDE DE REFROIDISSEMENT DE MOULES POUR UNE MACHINE DE FORMAGE D'ARTICLES EN VERRE CREUX**
[72] TIJERINA RAMOS, VICTOR, MX
[71] VITRO, S.A.B. DE C.V., MX
[85] 2018-06-13
[86] 2015-12-15 (PCT/MX2015/000191)
[87] (WO2017/105185)

---

[21] **3,008,374**
[13] A1
[51] **Int.Cl. H04B 5/00 (2006.01) G06K 19/077 (2006.01)**
[25] FR
[54] **COMMUNICATION ANTENNA FOR CONTACTLESS PAYMENT TERMINAL**
[54] **ANTENNE DE COMMUNICATION POUR TERMINAL DE PAIEMENT SANS CONTACT**
[72] ALLIROT, RICHARD, FR
[72] DUBOIS, ERIC, FR
[72] FABREGOULE, OLIVIER, FR
[71] INGENICO GROUP, FR
[85] 2018-06-13
[86] 2016-10-12 (PCT/EP2016/074518)
[87] (WO2017/064149)
[30] FR (1559686) 2015-10-12

---

[21] **3,008,377**
[13] A1
[51] **Int.Cl. H04J 3/06 (2006.01) H04J 3/16 (2006.01)**
[25] FR
[54] **METHODS AND DEVICES FOR TRANSMITTING A CONTINUOUS BIT STREAM IN A DIGITAL NETWORK NON-SYNCHRONOUS WITH THE BIT STREAM**
[54] **PROCEDES ET DISPOSITIFS DE TRANSMISSION DE TRAIN BINAIRE CONTINU DANS UN RESEAU NUMERIQUE NON SYNCHRONE DU TRAIN BINAIRE**
[72] GRIMONPREZ, BENJAMIN, FR
[72] RENAUX, MICHEL, FR
[71] THALES, FR
[85] 2018-06-11
[86] 2016-12-12 (PCT/EP2016/080629)
[87] (WO2017/098045)
[30] FR (15 02574) 2015-12-11

---

[21] **3,008,378**
[13] A1
[51] **Int.Cl. B60R 21/00 (2006.01) G08G 1/16 (2006.01)**
[25] EN
[54] **PARKING SUPPORT METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF D'AIDE AU STATIONNEMENT**
[72] KOJO, NAOKI, JP
[72] KUROTOBI, TOMOKO, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-06-13
[86] 2016-08-01 (PCT/JP2016/072494)
[87] (WO2017/104164)
[30] JP (2015-246111) 2015-12-17

---

[21] **3,008,380**
[13] A1
[51] **Int.Cl. G01V 11/00 (2006.01) G01V 1/38 (2006.01) G01V 3/08 (2006.01)**
[25] EN
[54] **COMBINED MARINE SEISMIC AND ELECTROMAGNETIC SURVEY CONFIGURATIONS**
[54] **COMBINAISON DE CONFIGURATIONS DE LEVE MARIN ELECTROMAGNETIQUE ET SISMIQUE**
[72] ADAMS, ROBERT JAMES, US
[72] CAMERON, BARRETT MOREING, US
[72] LONG, ANDREW SAMUEL, US
[71] PGS GEOPHYSICAL AS, NO
[85] 2018-06-13
[86] 2016-11-25 (PCT/EP2016/078865)
[87] (WO2017/102289)
[30] US (62/268,330) 2015-12-16
[30] US (15/333,038) 2016-10-24

---

[21] **3,008,381**
[13] A1
[51] **Int.Cl. H01M 8/0271 (2016.01) H01M 8/0202 (2016.01) H01M 8/02 (2016.01) H01M 8/10 (2016.01)**
[25] EN
[54] **FUEL CELL STACK SEAL STRUCTURE AND PRODUCTION METHOD THEREFOR**
[54] **STRUCTURE D'ETANCHEITE D'EMPILEMENT DE PILES A COMBUSTIBLE ET SON PROCEDE DE PRODUCTION**
[72] SEKINE, NORIKATSU, JP
[72] NUMAO, YASUHIRO, JP
[72] ICHIHARA, KEIJI, JP
[72] OKU, TAKANORI, JP
[72] MIYAOKA, HIROSHI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-06-13
[86] 2016-09-26 (PCT/JP2016/078243)
[87] (WO2017/104212)
[30] JP (2015-247073) 2015-12-18

[21] **3,008,382**
[13] A1
[51] **Int.Cl. C07K 14/74 (2006.01) C12N 5/0783 (2010.01) C07K 14/725 (2006.01) C12N 5/10 (2006.01) C12N 5/12 (2006.01) C12N 15/09 (2006.01)**
[25] EN
[54] **TARGETED DISRUPTION OF THE MHC CELL RECEPTOR**
[54] **DISRUPTION CIBLEE DU RECEPTEUR DES CELLULES DU CMH**
[72] LEE, GARY K., US
[72] PASCHON, DAVID, US
[72] ZHANG, LEI, US
[71] SANGAMO THERAPEUTICS, INC., US
[85] 2018-06-13
[86] 2016-12-15 (PCT/US2016/066988)
[87] (WO2017/106537)
[30] US (62/269,410) 2015-12-18
[30] US (62/305,097) 2016-03-08
[30] US (62/329,439) 2016-04-29

---

[21] **3,008,383**
[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01) A61M 15/00 (2006.01)**
[25] EN
[54] **PERSONAL VAPORIZER DEVICE**
[54] **DISPOSITIF DE VAPORISATION PERSONNEL**
[72] JAMES, ALED, GB
[72] THOMAS, RICHARD, GB
[72] MAY, JAMES, GB
[71] JT INTERNATIONAL S.A., CH
[85] 2018-06-13
[86] 2016-12-15 (PCT/EP2016/081231)
[87] (WO2017/102969)
[30] EP (15201281.1) 2015-12-18

---

[21] **3,008,384**
[13] A1
[51] **Int.Cl. C07C 67/39 (2006.01) C07C 67/54 (2006.01) C07C 69/54 (2006.01)**
[25] EN
[54] **PROCESS FOR PURIFICATION OF METHYL METHACRYLATE**
[54] **PROCEDE DE PURIFICATION DE METHACRYLATE DE METHYLE**
[72] WORLEY, WILLIAM G., US
[72] HOY, STACY W., US
[71] ROHM AND HAAS COMPANY, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-06-13
[86] 2016-12-07 (PCT/US2016/065324)
[87] (WO2017/105955)
[30] US (62/269,458) 2015-12-18

---

[21] **3,008,385**
[13] A1
[51] **Int.Cl. G05D 1/02 (2006.01)**
[25] EN
[54] **METHOD FOR AUTONOMOUS OPERATION OF A COMPRESSION APPARATUS**
[54] **PROCEDE DE FONCTIONNEMENT AUTONOME D'UN DISPOSITIF DE COMPACTAGE**
[72] HORSTER, JOCHEN, DE
[72] MALASCHEWSKI, ARMIN, DE
[72] PINKERT, MIRKO, DE
[71] AMMANN SCHWEIZ AG, CH
[85] 2018-06-13
[86] 2016-12-06 (PCT/EP2016/079908)
[87] (WO2017/102444)
[30] DE (10 2015 122 149.7) 2015-12-17

---

[21] **3,008,386**
[13] A1
[51] **Int.Cl. A61K 9/20 (2006.01) A61K 31/501 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION COMPRISING PIMOBENDAN**
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT DU PIMOBENDAN**
[72] GARCIA, ROSITA, FR
[72] CHARLES, ROMAIN, FR
[71] CEVA SANTE ANIMALE, FR
[85] 2018-06-13
[86] 2016-12-16 (PCT/EP2016/081364)
[87] (WO2017/103054)
[30] EP (15307048.7) 2015-12-17

---

[21] **3,008,387**
[13] A1
[51] **Int.Cl. E21B 10/42 (2006.01) E21B 10/43 (2006.01) E21B 10/62 (2006.01)**
[25] EN
[54] **EARTH-BORING TOOLS INCLUDING PASSIVELY ADJUSTABLE, AGRESSIVENESS-MODIFYING MEMBERS AND RELATED METHODS**
[54] **OUTILS DE FORAGE COMPRENANT DES ELEMENTS DE MODIFICATION D'AGRESSIVITE REGLABLES DE FACON PASSIVE ET PROCEDES ASSOCIES**
[72] JAIN, JAYESH RAMESHLAL, US
[72] VEMPATI, CHAITANYA K., US
[72] RICKS, GREGORY L., US
[72] BILEN, JUAN MIGUEL, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-06-13
[86] 2016-12-16 (PCT/US2016/067106)
[87] (WO2017/106605)
[30] US (14/973,282) 2015-12-17

---

[21] **3,008,388**
[13] A1
[51] **Int.Cl. G10L 19/16 (2013.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PROCESSING AN ENCODED AUDIO SIGNAL**
[54] **APPAREIL ET PROCEDE DE TRAITEMENT DE SIGNAL AUDIO CODE**
[72] NIEDERMEIER, ANDREAS, DE
[72] DISCH, SASCHA, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2018-06-13
[86] 2016-12-08 (PCT/EP2016/080331)
[87] (WO2017/102560)
[30] EP (15199851.5) 2015-12-14

[21] **3,008,389**
[13] A1
[51] **Int.Cl. G01N 33/53 (2006.01) C07K 7/08 (2006.01) G01N 27/62 (2006.01)**
[25] EN
[54] **PROTEIN DETECTION METHOD, AND PROTEIN IMMUNOASSAY METHOD**
[54] **PROCEDE DE DETECTION DE PROTEINES, ET PROCEDE DE DOSAGE IMMUNOLOGIQUE DE PROTEINES**
[72] SHOJI, MASAHIRO, JP
[72] HONJO, TSUTOMU, JP
[72] OKADA, HIDEKI, JP
[72] KURIHARA, KEI, JP
[71] MORINAGA INSTITUTE OF BIOLOGICAL SCIENCE, INC., JP
[85] 2018-06-13
[86] 2016-11-04 (PCT/JP2016/082875)
[87] (WO2017/104289)
[30] JP (2015-243328) 2015-12-14
[30] JP (2016-183467) 2016-09-20

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[21] **3,008,390**
[13] A1
[51] **Int.Cl. C09K 8/473 (2006.01) C09K 8/467 (2006.01)**
[25] EN
[54] **SURFACTANTS FOR USE IN LIQUID SUSPENSIONS OF LIGHTWEIGHT BEADS**
[54] **TENSIOACTIFS UTILES DANS DES SUSPENSIONS LIQUIDES DE BILLES LEGERES**
[72] LUMSDEN, SIMONE E.A., US
[72] LEWIS, SAM J., US
[72] HUNDT, GREG R., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-06-13
[86] 2016-02-09 (PCT/US2016/017096)
[87] (WO2017/138919)

---

[21] **3,008,391**
[13] A1
[51] **Int.Cl. G02B 1/14 (2015.01)**
[25] EN
[54] **HARD MULI-COAT ON OPTICAL ARTICLE**
[54] **MULTI-REVETEMENT DUR SUR ARTICLE OPTIQUE**
[72] EAGERTON, WILLIAM, US
[71] ESSILOR INTERNATIONAL, FR
[85] 2018-06-13
[86] 2016-12-16 (PCT/EP2016/081533)
[87] (WO2017/103177)
[30] US (62/269,078) 2015-12-17

---

[21] **3,008,392**
[13] A1
[51] **Int.Cl. A61K 38/19 (2006.01) A61K 39/395 (2006.01) A61P 17/00 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **AMELIORATING SYSTEMIC SCLEROSIS WITH DEATH RECEPTOR AGONISTS**
[54] **AMELIORATION DE LA SCLEROSE SYSTEMIQUE A L'AIDE D'AGONISTES DE RECEPTEURS DE MORT CELLULAIRE**
[72] LEE, SEULKI, US
[72] POMPER, MARTIN, G., US
[72] PARK, JONG-SUNG, US
[72] OH, YUMIN, US
[72] SCULLY, MAGDALENA, US
[72] HORTON, MAUREEN, US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2018-06-13
[86] 2016-12-16 (PCT/US2016/067145)
[87] (WO2017/106627)
[30] US (62/268,637) 2015-12-17

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[21] **3,008,393**
[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/35 (2006.01) A61K 31/382 (2006.01) A61K 31/407 (2006.01) A61K 31/437 (2006.01) A61P 35/00 (2006.01) C07D 491/04 (2006.01) C07D 495/04 (2006.01)**
[25] EN
[54] **HETERO-1,5,6,7-TETRAHYDRO-4H-INDOL-4-ONES**
[54] **HETERO-1,5,6,7-TETRAHYDRO-4H-INDOL-4-ONES**
[72] GRAHAM, KEITH, DE
[72] KLAR, ULRICH, DE
[72] BRIEM, HANS, DE
[72] SIEMEISTER, GERHARD, DE
[72] MONNING, URSULA, DE
[72] VON NUSSBAUM, FRANZ, FR
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2018-06-13
[86] 2016-12-12 (PCT/EP2016/080640)
[87] (WO2017/102649)
[30] EP (15200590.6) 2015-12-16

---

[21] **3,008,394**
[13] A1
[51] **Int.Cl. A61K 31/519 (2006.01) A61K 31/5383 (2006.01) C07D 498/14 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF TRICYCLIC PI3K INHIBITOR COMPOUNDS AND METHODS OF USING THE SAME FOR THE TREATMENT OF CANCER**
[54] **PROCEDE DE PREPARATION DE COMPOSES TRICYCLIQUES INHIBITEURS DE PI3K ET LEURS PROCEDES D'UTILISATION POUR LE TRAITEMENT DU CANCER**
[72] STUMPF, ANDREAS, US
[72] ANGELAUD, REMY, US
[72] MCCLORY, ANDREW, US
[72] YAJIMA, HERBERT, US
[72] NDUBAKU, CHUDI, US
[72] OLIVERO, ALAN, US
[71] GENENTECH, INC., US
[85] 2018-06-13
[86] 2016-12-16 (PCT/US2016/067174)
[87] (WO2017/106647)
[30] US (62/268,149) 2015-12-16
[30] US (62/288,832) 2016-01-29
[30] US (62/291,248) 2016-02-04

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[21] **3,008,395**
[13] A1
[51] **Int.Cl. A61K 31/23 (2006.01) A61K 31/22 (2006.01) C07C 203/04 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OF FATTY ACID METABOLISM DISORDERS**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE TROUBLES DU METABOLISME DES ACIDES GRAS**
[72] ISCHIROPOULOS, HARRY, US
[72] DOULIAS, PASCHALIS-THOMAS, US
[71] THE CHILDREN'S HOSPITAL OF PHILADELPHIA, US
[85] 2018-06-13
[86] 2016-11-07 (PCT/US2016/060785)
[87] (WO2017/079721)
[30] US (62/251,860) 2015-11-06

[21] **3,008,396**
[13] A1
[51] **Int.Cl. G06Q 20/40 (2012.01) H04L 9/32 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **BROWSER EXTENSION FOR LIMITED-USE SECURE TOKEN PAYMENT**
[54] **EXTENSION DE NAVIGATEUR POUR PAIEMENT PAR JETON SECURISE A UTILISATION LIMITEE**
[72] DE GANON, MATTHEW, US
[72] ARORA, KUNAL, US
[72] POOLE, THOMAS, US
[72] TRIVEDI, DWIJ, US
[72] MORETON, PAUL, US
[72] KAHN, DANIEL, US
[71] CAPITAL ONE SERVICES, LLC, US
[85] 2018-06-13
[86] 2016-12-16 (PCT/US2016/067244)
[87] (WO2017/106691)
[30] US (62/267,996) 2015-12-16

[21] **3,008,397**
[13] A1
[51] **Int.Cl. E21B 19/083 (2006.01) E21B 15/00 (2006.01) E21B 19/02 (2006.01) E21B 19/20 (2006.01)**
[25] EN
[54] **AUTOMATED TUBULAR RACKING SYSTEM**
[54] **SYSTEME DE MATERIEL GERBAGE TUBULAIRE AUTOMATISE**
[72] BERRY, JOE RODNEY, US
[72] METZ, ROBERT, US
[72] ORR, MELVIN ALAN, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2018-06-13
[86] 2016-11-15 (PCT/US2016/061952)
[87] (WO2017/087349)
[30] US (62/256,013) 2015-11-16
[30] US (62/330,021) 2016-04-29
[30] US (62/330,200) 2016-05-01

[21] **3,008,398**
[13] A1
[51] **Int.Cl. E21B 15/00 (2006.01) E21B 7/20 (2006.01) E21B 19/08 (2006.01)**
[25] EN
[54] **HIGH TRIP RATE DRILLING RIG**
[54] **APPAREIL DE FORAGE A TAUX DE MAN□UVRE ELEVE**
[72] ORR, MELVIN ALAN, US
[72] TREVITHICK, MARK W., US
[72] BERRY, JOE RODNEY, US
[72] METZ, ROBERT, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2018-06-13
[86] 2016-11-17 (PCT/US2016/062402)
[87] (WO2017/087595)
[30] US (62/256,586) 2015-11-17
[30] US (62/330,244) 2016-05-01

[21] **3,008,399**
[13] A1
[51] **Int.Cl. C08G 18/48 (2006.01) C08G 18/08 (2006.01) C08G 18/24 (2006.01) C08G 18/40 (2006.01) C08G 18/62 (2006.01) C08G 18/79 (2006.01) C09D 175/08 (2006.01)**
[25] EN
[54] **ACRYLIC POLYURETHANE COATINGS INCLUDING POLYETHER POLYOLS**
[54] **REVETEMENTS EN ACRYLIQUE-POLYURETHANE COMPRENANT DES POLYOLS DE POLYETHER**
[72] LETKO, CHRISTOPHER S., US
[72] STEPHENSON, AMBER MARIE, US
[72] ARGYROPOULOS, JOHN N., US
[72] KLIER, JOHN, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-06-13
[86] 2016-11-30 (PCT/US2016/064111)
[87] (WO2017/105835)
[30] US (62/268,602) 2015-12-17

[21] **3,008,400**
[13] A1
[51] **Int.Cl. C11D 17/08 (2006.01) C11D 3/37 (2006.01) C11D 3/50 (2006.01) C11D 3/60 (2006.01) C11D 7/26 (2006.01) C11D 7/60 (2006.01)**
[25] EN
[54] **A WATER-SOLUBLE UNIT DOSE ARTICLE**
[54] **ARTICLE MONO-DOSE SOLUBLE DANS L'EAU**
[72] DEPOOT, KAREL JOZEF MARIA, BE
[72] BOUTIQUE, JEAN-POL, BE
[72] ORLANDINI, LAURA, CH
[72] LYNCH, MATTHEW LAWRENCE, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-06-13
[86] 2016-12-01 (PCT/US2016/064377)
[87] (WO2017/105854)
[30] EP (15200545.0) 2015-12-16

[21] **3,008,401**
[13] A1
[51] **Int.Cl. C07C 67/54 (2006.01) C07C 69/54 (2006.01)**
[25] EN
[54] **PROCESS FOR PURIFICATION OF METHYL METHACRYLATE**
[54] **PROCEDE DE PURIFICATION DE METHACRYLATE DE METHYLE**
[72] WORLEY, WILLIAM G., US
[72] HOY, STACY W., US
[71] ROHM AND HAAS COMPANY, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-06-13
[86] 2016-12-08 (PCT/US2016/065490)
[87] (WO2017/105977)
[30] US (62/269,461) 2015-12-18

[21] **3,008,402**
[13] A1
[51] **Int.Cl. A61B 18/18 (2006.01)**
[25] EN
[54] **ELECTROSURGICAL PROBE FOR DELIVERING MICROWAVE ENERGY**
[54] **SONDE ELECTRO-CHIRURGICALE DESTINEE A ADMINISTRER UNE ENERGIE MICRO-ONDE**
[72] HANCOCK, CHRISTOPHER PAUL, GB
[72] WHITE, MALCOLM, GB
[72] BURN, PATRICK, GB
[72] SHAH, PALLAV, GB
[72] HALES, PHILIP, GB
[71] CREO MEDICAL LIMITED, GB
[85] 2018-06-13
[86] 2016-12-16 (PCT/EP2016/081584)
[87] (WO2017/103209)
[30] GB (1522312.6) 2015-12-17

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[21] **3,008,404**
[13] A1
[51] **Int.Cl. B64C 27/08 (2006.01) B64C 39/02 (2006.01)**
[25] EN
[54] **SELECTING PROPELLERS FOR PERFORMANCE AND NOISE SHAPING**
[54] **SELECTION D'HELICES A DES FINS DE PERFORMANCE ET DE FACONNAGE DE BRUIT**
[72] HUDDLESTON, HOWARD LEE, JR., US
[72] BECKMAN, BRIAN C., US
[72] KO, ALLAN, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2018-06-13
[86] 2016-12-08 (PCT/US2016/065662)
[87] (WO2017/106013)
[30] US (14/975,506) 2015-12-18
[30] US (14/975,563) 2015-12-18

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[21] **3,008,405**
[13] A1
[51] **Int.Cl. C08L 27/06 (2006.01) B29C 41/18 (2006.01) B32B 5/18 (2006.01) B32B 27/30 (2006.01) B32B 27/40 (2006.01) C08K 5/103 (2006.01) C08K 5/12 (2006.01)**
[25] EN
[54] **VINYL CHLORIDE RESIN COMPOSITION, VINYL CHLORIDE RESIN MOLDED PRODUCT, AND LAMINATE**
[54] **COMPOSITION DE RESINE DE CHLORURE DE VINYLE, ARTICLE MOULE EN RESINE DE CHLORURE DE VINYLE, ET STRATIFIE**
[72] FUJIWARA, TAKANORI, JP
[71] ZEON CORPORATION, JP
[85] 2018-06-13
[86] 2016-12-07 (PCT/JP2016/086446)
[87] (WO2017/110479)
[30] JP (2015-255222) 2015-12-25

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[21] **3,008,408**
[13] A1
[51] **Int.Cl. G06F 15/16 (2006.01) G06F 17/22 (2006.01) G06F 17/27 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SCHEDULING SYSTEMS AND METHODS FOR DATA CLEANSING TO OPTIMIZE CLINICAL SCHEDULING**
[54] **SYSTEMES ET PROCEDES DE PLANIFICATION POUR UN NETTOYAGE DE DONNEES AFIN D'OPTIMISER UNE PLANIFICATION CLINIQUE**
[72] LEE, RUSSELL D., US
[72] WU, JEFFREY, US
[71] KAIROI HEALTHCARE STRATEGIES, INC., US
[85] 2018-06-13
[86] 2016-12-09 (PCT/US2016/065963)
[87] (WO2017/106049)
[30] US (62/269,002) 2015-12-17
[30] US (15/151,298) 2016-05-10

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[21] **3,008,413**
[13] A1
[51] **Int.Cl. A61K 35/15 (2015.01) C12N 5/0783 (2010.01) C12N 5/0789 (2010.01) A61K 35/17 (2015.01) A61K 35/545 (2015.01) C07K 14/705 (2006.01) C12N 5/10 (2006.01) C12N 9/22 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **TARGETED DISRUPTION OF THE T CELL RECEPTOR**
[54] **DISRUPTION CIBLEE DU RECEPTEUR DES LYMPHOCYTES T**
[72] LEE, GARY K., US
[72] PASCHON, DAVID, US
[72] ZHANG, LEI, US
[71] SANGAMO THERAPEUTICS, INC., US
[85] 2018-06-13
[86] 2016-12-15 (PCT/US2016/066975)
[87] (WO2017/106528)
[30] US (62/269,365) 2015-12-18
[30] US (62/306,500) 2016-03-10

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[21] **3,008,414**
[13] A1
[51] **Int.Cl. C08G 18/75 (2006.01) C08G 18/08 (2006.01) C08G 18/10 (2006.01) C08G 18/34 (2006.01) C08G 18/42 (2006.01) C09D 175/06 (2006.01)**
[25] EN
[54] **BRANCHED POLYESTER-URETHANE RESINS AND COATINGS COMPRISING THE SAME**
[54] **RESINES POLYESTER-URETHANE RAMIFIEES ET REVETEMENTS LES COMPRENANT**
[72] CIACCIO, FRANCESCO, IT
[72] ANTONACI, ANNAMARIA, IT
[72] BONELLO, EDDY, IT
[72] SCHOCH, STEPHANE, DE
[72] KLAEGER, WOLFGANG, DE
[72] SEILER, BEATE, DE
[72] CAMERANO, JOSE, DE
[72] SINGER, DEBRA L., US
[72] SWARUP, SHANTI, US
[72] SCHWENDEMAN, JOHN E., US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2018-06-13
[86] 2016-12-13 (PCT/US2016/066303)
[87] (WO2017/106152)
[30] US (14/967,763) 2015-12-14

[21] **3,008,416**
[13] A1
[51] **Int.Cl. G08G 1/16 (2006.01) B60W 40/06 (2012.01) G08G 1/00 (2006.01) G08G 1/09 (2006.01) G09B 29/10 (2006.01)**
[25] EN
[54] **ROAD INFORMATION DETECTION DEVICE, DRIVING ASSISTANCE DEVICE, ROAD INFORMATION DETECTION SYSTEM, ROAD INFORMATION DETECTION METHOD, DRIVING CONTROL METHOD AND PROGRAM**
[54] **DISPOSITIF DE DETECTION D'INFORMATIONS ROUTIERES, DISPOSITIF D'ASSISTANCE A LA CONDUITE, SYSTEME DE DETECTION D'INFORMATIONS ROUTIERES, PROCEDE DE DETECTION D'INFORMATIONS ROUTIERES, PROCEDE ET PROGRAMME DE COMMANDE DE PILOTAGE**
[72] AMEMIYA, HIDEKI, JP
[71] NEC CORPORATION, JP
[85] 2018-06-13
[86] 2016-12-12 (PCT/JP2016/086906)
[87] (WO2017/104611)
[30] JP (2015-246388) 2015-12-17

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[21] **3,008,419**
[13] A1
[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/03 (2006.01) A61B 17/08 (2006.01) A61F 13/00 (2006.01) A61F 13/02 (2006.01) A61M 1/00 (2006.01)**
[25] EN
[54] **NEGATIVE PRESSURE WOUND CLOSURE DEVICES AND METHODS**
[54] **DISPOSITIFS ET METHODES DE FERMETURE DE PLAIE PAR PRESSION NEGATIVE**
[72] DUNN, RAYMOND, US
[71] UNIVERSITY OF MASSACHUSETTS, US
[85] 2018-06-13
[86] 2016-12-15 (PCT/US2016/067051)
[87] (WO2017/106576)
[30] US (62/267,728) 2015-12-15
[30] US (15/066,527) 2016-03-10

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[21] **3,008,421**
[13] A1
[51] **Int.Cl. C07K 14/435 (2006.01) C09K 11/07 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **COMPOSITIONS WITH THERMOLABILE DYES**
[54] **COMPOSITIONS AYANT DES COLORANTS THERMOLABILES**
[72] HEINDL, DIETER, DE
[72] KIRZINGER, HANNES, DE
[72] MEIER, THOMAS, DE
[72] NELSON, CHRISTOPHER, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2018-06-13
[86] 2016-12-22 (PCT/EP2016/082391)
[87] (WO2017/109077)
[30] US (62/271,211) 2015-12-22

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[21] **3,008,422**
[13] A1
[51] **Int.Cl. A61K 9/127 (2006.01) A61K 31/565 (2006.01) A61K 31/569 (2006.01) A61K 31/575 (2006.01) A61K 38/00 (2006.01) A61K 45/06 (2006.01) C07J 41/00 (2006.01)**
[25] EN
[54] **AMORPHOUS ONAPRISTONE COMPOSITIONS AND METHODS OF MAKING THE SAME**
[54] **COMPOSITIONS A BASE D'ONAPRISTONE AMORPHE ET LEURS PROCEDES DE FABRICATION**
[72] BRITTAIN, HARRY G., US
[72] PRONIUK, STEFAN, US
[71] CONTEXT BIOPHARMA INC., US
[85] 2018-06-13
[86] 2016-12-13 (PCT/US2016/066420)
[87] (WO2017/106214)
[30] US (62/267,540) 2015-12-15

---

[21] **3,008,423**
[13] A1
[51] **Int.Cl. G06F 3/0346 (2013.01)**
[25] EN
[54] **INERTIAL DEVICE AND METHODS OF REMOTELY CONTROLLING OF ELECTRONIC SYSTEMS**
[54] **DISPOSITIF INERTIEL ET PROCEDE DE COMMANDE INERTIELLE DE SYSTEMES ELECTRONIQUES**
[72] SOLOVIEV, DMITRY OLEGOVICH, RU
[72] FEDOROV, ANTON VLADIMIROVICH, RU
[72] MEZENTSEV, OLEG ALEKSANDROVICH, RU
[71] SOLOVIEV, DMITRY OLEGOVICH, RU
[71] FEDOROV, ANTON VLADIMIROVICH, RU
[71] MEZENTSEV, OLEG ALEKSANDROVICH, RU
[85] 2018-06-13
[86] 2016-12-14 (PCT/RU2016/000854)
[87] (WO2017/111660)
[30] RU (2015155141) 2015-12-23

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[21] **3,008,426**
[13] A1
[51] **Int.Cl. A61B 17/68 (2006.01) A61B 17/74 (2006.01) A61B 17/80 (2006.01)**
[25] EN
[54] **FEMORAL BASE PLATE THA**
[54] **ATH A PLAQUE DE BASE FEMORALE**
[72] MAHFOUZ, MOHAMED R., US
[71] MAHFOUZ, MOHAMED R., US
[85] 2018-06-13
[86] 2016-12-15 (PCT/US2016/067060)
[87] (WO2017/106580)
[30] US (62/267,370) 2015-12-15

[21] **3,008,427**
[13] A1
[51] **Int.Cl. H04W 4/00 (2018.01)**
[25] FR
[54] **SYSTEM FOR SUGGESTING, LAUNCHING AND AUTOMATICALLY OR SEMI-AUTOMATICALLY DOWNLOADING APPLICATIONS FOR AN INTELLIGENT MOBILE OBJECT**
[54] **SYSTEME DE SUGGESTION, DE LANCEMENT ET DE TELECHARGEMENT AUTOMATIQUE OU SEMI-AUTOMATIQUE D'APPLICATIONS POUR OBJET MOBILE INTELLIGENT**
[72] LEFEBVRE, GUILLAUME, FR
[72] KOZAKIEWICZ, NICOLAS, FR
[72] RITAINE, FRANCOIS-JULIEN, FR
[71] WORLDLINE, FR
[85] 2018-06-13
[86] 2016-12-22 (PCT/EP2016/082453)
[87] (WO2017/109115)
[30] FR (1563315) 2015-12-24

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[21] **3,008,430**
[13] A1
[51] **Int.Cl. B01D 53/56 (2006.01)**
[25] EN
[54] **PROCESS FOR THE REMOVAL OF CONTAMINANTS FROM FLUE GAS STREAMS**
[54] **PROCEDE POUR L'ELIMINATION DE CONTAMINANTS DE FLUX DE GAZ DE CARNEAU**
[72] SUCHAK, NARESH J., US
[71] CANNON TECHNOLOGY, INC., US
[85] 2018-06-13
[86] 2016-12-14 (PCT/US2016/066549)
[87] (WO2017/106277)
[30] US (14/757,339) 2015-12-18

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[21] **3,008,434**
[13] A1
[51] **Int.Cl. C40B 30/04 (2006.01) C40B 40/10 (2006.01)**
[25] EN
[54] **EARLY-STAGE ALZHEIMER'S DISEASE AUTOANTIBODY BIOMARKERS, TARGET ANTIGENS, AND DIAGNOSTIC USES THEREOF**
[54] **BIOMARQUEURS D'AUTOANTICORPS DE LA MALADIE D'ALZHEIMER AU STADE PRECOCE, ANTIGENES CIBLES ET UTILISATIONS DIAGNOSTIQUES ASSOCIEES**
[72] NAGELE, ROBERT G., US
[71] ROWAN UNIVERSITY, US
[85] 2018-06-13
[86] 2016-12-14 (PCT/US2016/066645)
[87] (WO2017/106338)
[30] US (62/266,790) 2015-12-14

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[21] **3,008,436**
[13] A1
[51] **Int.Cl. C07C 67/04 (2006.01) C07C 67/54 (2006.01) C07C 67/62 (2006.01) B01D 3/14 (2006.01)**
[25] EN
[54] **PRODUCTION OF TERT-BUTYL ESTERS OF ETHYLENICALLY UNSATURATED CARBOXYLIC ACIDS**
[54] **PREPARATION D'ESTERS TERT-BUTYLIQUES D'ACIDES CARBOXYLIQUES A INSATURATION ETHYLENIQUE**
[72] HORSTMANN, CATHARINA, DE
[72] HECHLER, CLAUS, DE
[72] GRACKIEWICZ, GREGOR, DE
[72] SCHALL, BERND, DE
[71] BASF SE, DE
[85] 2018-06-13
[86] 2016-11-28 (PCT/EP2016/079025)
[87] (WO2017/102297)
[30] DE (10 2015 121 860.7) 2015-12-15
[30] US (62/267,331) 2015-12-15

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[21] **3,008,437**
[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **THERAPEUTIC ANTICANCER NEOEPITOPE VACCINE**
[54] **VACCIN THERAPEUTIQUE ANTICANCEREUX A NEOEPITOPE**
[72] GRANUM, STINE, NO
[72] STUBSRUD, ELISABETH, NO
[72] FREDRIKSEN, AGNETE BRUNSVIK, NO
[71] VACCIBODY AS, NO
[85] 2018-06-13
[86] 2017-01-05 (PCT/EP2017/050206)
[87] (WO2017/118695)
[30] EP (16150574.8) 2016-01-08
[30] EP (16178393.1) 2016-07-07

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[21] **3,008,438**
[13] A1
[51] **Int.Cl. E21B 47/00 (2012.01)**
[25] EN
[54] **METHOD FOR EVALUATING AND MONITORING FORMATION FRACTURE TREATMENT USING FLUID PRESSURE WAVES**
[54] **PROCEDE D'EVALUATION ET DE SURVEILLANCE DU TRAITEMENT D'UNE FRACTURE DE FORMATION A L'AIDE D'ONDES DE PRESSION DE FLUIDE**
[72] ADAMOPOULOS, PANAGIOTIS, US
[72] CANNON, JAMES, US
[72] FELKL, JAKUB, US
[71] SEISMOS INC., US
[85] 2018-06-13
[86] 2016-12-16 (PCT/US2016/067290)
[87] (WO2017/106724)
[30] US (62/268,916) 2015-12-17

[21] **3,008,439**
[13] A1
[51] **Int.Cl. E21B 10/42 (2006.01) E21B 10/62 (2006.01)**
[25] EN
[54] **SELF-ADJUSTING EARTH-BORING TOOLS AND RELATED SYSTEMS AND METHODS**
[54] **OUTILS DE FORAGE AUTO-REGLABLES ET SYSTEMES ET PROCEDES ASSOCIES**
[72] RICKS, GREGORY L., US
[72] VEMPATI, CHAITANYA K., US
[72] JAIN, JAYESH RAMESHLAL, US
[72] BILEN, JUAN MIGUEL, US
[72] PHILLIPS, ANTHONY, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-06-13
[86] 2016-12-14 (PCT/US2016/066656)
[87] (WO2017/106344)
[30] US (14/972,635) 2015-12-17

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[21] **3,008,440**
[13] A1
[51] **Int.Cl. C07K 16/24 (2006.01) A61K 39/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY COMPRISING A SUPERAGONISTIC ANTIBODY AGAINST INTERLEUKIN-2 AND A CHECKPOINT BLOCKADE AGENT**
[54] **POLYTHERAPIE COMPRENANT UN ANTICORPS SUPERAGONISTE DIRIGE CONTRE L'INTERLEUKINE-2 ET AGENT DE BLOCAGE DE POINTS DE CONTROLE**
[72] BOYMAN, ONUR, CH
[72] ARENAS-RAMIREZ, NATALIA, CH
[71] UNIVERSITAT ZURICH, CH
[85] 2018-06-13
[86] 2017-01-11 (PCT/EP2017/050477)
[87] (WO2017/121758)
[30] EP (16150708.2) 2016-01-11
[30] EP (16179132.2) 2016-07-12

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[21] **3,008,441**
[13] A1
[51] **Int.Cl. H04N 21/81 (2011.01) H04N 21/85 (2011.01) H04N 5/262 (2006.01) H04N 5/268 (2006.01)**
[25] EN
[54] **SHARING VIDEO FOOTAGE FROM AUDIO/VIDEO RECORDING AND COMMUNICATION DEVICES**
[54] **PARTAGE DE SEQUENCE VIDEO EN PROVENANCE DE DISPOSITIFS D'ENREGISTREMENT ET DE COMMUNICATION AUDIO/VIDEO**
[72] HARPOLE, AARON, US
[72] ROTH, JOSHUA, US
[72] SIMINOFF, JAMES, US
[72] SOMMERLATT, DARRELL, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2018-06-13
[86] 2016-12-21 (PCT/US2016/068088)
[87] (WO2017/112798)
[30] US (62/270,373) 2015-12-21
[30] US (62/271,186) 2015-12-22
[30] US (62/288,971) 2016-01-29

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[21] **3,008,442**
[13] A1
[51] **Int.Cl. C07K 16/10 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **HUMAN IMMUNODEFICIENCY VIRUS NEUTRALIZING ANTIBODIES**
[54] **ANTICORPS NEUTRALISANTS LE VIRUS DE L'IMMUNODEFICIENCE HUMAINE**
[72] BALAKRISHNAN, MINI, US
[72] CARR, BRIAN A., US
[72] CORBIN, JOHN, US
[72] PACE, CRAIG S., US
[72] THOMSEN, NATHAN D., US
[72] ZHANG, XUE, US
[71] GILEAD SCIENCES, INC., US
[85] 2018-06-13
[86] 2016-12-14 (PCT/US2016/066658)
[87] (WO2017/106346)
[30] US (62267652) 2015-12-15

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[21] **3,008,443**
[13] A1
[51] **Int.Cl. B01F 5/06 (2006.01) B01F 13/00 (2006.01) B01J 19/24 (2006.01)**
[25] EN
[54] **STATIC MIXERS FOR CONTINUOUS FLOW CATALYTIC REACTORS**
[54] **MELANGEURS STATIQUES POUR REACTEURS CATALYTIQUES A FLUX CONTINU**
[72] HENRY, WILLIAM, AU
[72] TSANAKTSIDIS, JOHN, AU
[72] HORNUNG, CHRISTIAN, AU
[72] URBAN, ANDREW JOSEPH, AU
[72] FRASER, DARREN, AU
[72] GUNASEGARAM, DAYALAN ROMESH, AU
[72] HORNE, MICHAEL DAVID, AU
[72] VEDER, JEAN-PIERRE, AU
[72] RODOPOULOS, THEO, AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[85] 2018-06-14
[86] 2016-12-21 (PCT/AU2016/051267)
[87] (WO2017/106916)
[30] AU (2015905354) 2015-12-23
[30] AU (2016903998) 2016-10-03

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[21] **3,008,444**
[13] A1
[51] **Int.Cl. A61C 1/00 (2006.01) A61C 3/02 (2006.01)**
[25] EN
[54] **DENTAL APPARATUS**
[54] **APPAREIL DENTAIRE**
[72] ZUAITER, OMAR, AU
[72] HABEB, ALAA, AU
[71] EMUDENT TECHNOLOGIES PTY LTD, AU
[85] 2018-06-14
[86] 2016-11-25 (PCT/AU2016/051157)
[87] (WO2017/100828)
[30] AU (2015905180) 2015-12-15

[21] **3,008,445**
[13] A1
[51] **Int.Cl. A61C 19/06 (2006.01)**
[25] EN
[54] **THIN, FLEXIBLE POWERED ORAL CARE DEVICE**
[54] **DISPOSITIF ELECTRIQUE, MINCE ET FLEXIBLE, DE SOINS BUCCO-DENTAIRES**
[72] JOHANSSON, PATRIK, US
[72] GATZEMEYER, JOHN JACOB, US
[72] TRIVEDI, HARSH MAHENDRA, US
[72] MASTERS, JAMES GERARD, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2018-06-13
[86] 2016-12-22 (PCT/US2016/068286)
[87] (WO2017/116977)
[30] US (14/983,734) 2015-12-30

---

[21] **3,008,446**
[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 29/00 (2006.01) A61P 31/12 (2006.01) A61P 35/00 (2006.01) C07D 405/12 (2006.01)**
[25] EN
[54] **TETRAHYDROPYRANYL AMINO-PYRROLOPYRIMIDINONE AND METHODS OF USE THEREOF**
[54] **TETRAHYDROPYRANYL-AMINO-PYRROLOPYRIMIDINONE ET PROCEDES D'UTILISATION ASSOCIES**
[72] LAPIERRE, JEAN-MARC, US
[72] EATHIRAJ, SUDHARSHAN, US
[72] NAMDEV, NIVEDITA, US
[72] SCHWARTZ, BRIAN, US
[72] OTA, YUSUKE, JP
[72] MOMOSE, TAKAYUKI, JP
[72] TSUNEMI, TOMOYUKI, JP
[72] INAGAKI, HIROAKI, JP
[72] NAKAYAMA, KIYOSHI, JP
[71] ARQULE, INC., US
[85] 2018-06-13
[86] 2015-12-23 (PCT/US2015/000285)
[87] (WO2017/111787)

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[21] **3,008,447**
[13] A1
[51] **Int.Cl. B65D 17/28 (2006.01) B65D 17/32 (2006.01) B65D 17/34 (2006.01) B65D 17/347 (2006.01) B65D 17/353 (2006.01) B65D 43/02 (2006.01)**
[25] EN
[54] **TAMPER-EVIDENT CONTAINER AND METHOD**
[54] **CONTENANT ET PROCEDE INVIOLABLES**
[72] KALMANIDES, DANNY, US
[71] SABERT CORPORATION, US
[85] 2018-06-13
[86] 2016-12-14 (PCT/US2016/066679)
[87] (WO2017/106361)
[30] US (62/267,058) 2015-12-14
[30] US (62/267,555) 2015-12-15
[30] US (15/015,525) 2016-02-04

---

[21] **3,008,448**
[13] A1
[51] **Int.Cl. C07K 14/745 (2006.01) A61K 38/36 (2006.01) A61P 7/04 (2006.01)**
[25] EN
[54] **MUTATED VON WILLEBRAND FACTOR**
[54] **FACTEUR DE VON WILLEBRAND MUTE**
[72] ANDREWS, ARNA, AU
[72] PANOUSIS, CON, AU
[72] EMMRICH, KERSTIN, AU
[72] WILSON, MICHAEL, AU
[72] DOWER, STEVE, AU
[72] HARDY, MATTHEW, AU
[72] HARTMAN, DALLAS, AU
[71] CSL BEHRING RECOMBINANT FACILITY AG, CH
[85] 2018-06-14
[86] 2017-01-06 (PCT/AU2017/050009)
[87] (WO2017/117630)
[30] AU (2016900033) 2016-01-07

---

[21] **3,008,451**
[13] A1
[51] **Int.Cl. H04L 12/16 (2006.01)**
[25] EN
[54] **SOCIAL NETWORK SYSTEM AND METHOD BASED ON USER SELECTED GEOGRAPHIC LOCATIONS**
[54] **PROCEDE ET SYSTEME DE RESEAU SOCIAL BASES SUR DES EMPLACEMENTS GEOGRAPHIQUES SELECTIONNES PAR L'UTILISATEUR**
[72] RAPHAEL MAHARAJAH, GNANAVATHANAN, US
[71] RAPHAEL MAHARAJAH, GNANAVATHANAN, US
[85] 2018-06-12
[86] 2014-12-12 (PCT/IB2014/066853)
[87] (WO2016/092352)

---

[21] **3,008,452**
[13] A1
[51] **Int.Cl. H04R 1/10 (2006.01)**
[25] EN
[54] **EARPHONE TIP WITH UNIVERSAL SOUND PORT ATTACHMENT CORE**
[54] **EMBOUT D'ECOUTEUR AVEC NOYAU DE FIXATION A UN PORT AUDIO UNIVERSEL**
[72] OLSON, THADDEUS W., US
[72] PESKAR, JUSTIN C., US
[72] GANSER, MARTIN, US
[71] HEARING COMPONENTS, INC., US
[85] 2018-06-13
[86] 2016-12-27 (PCT/US2016/068677)
[87] (WO2017/117107)
[30] US (62/271,521) 2015-12-28

[21] **3,008,453**
[13] A1
[51] **Int.Cl. B64C 11/16 (2006.01) B64C 11/18 (2006.01) B64C 11/20 (2006.01) B64C 11/22 (2006.01) B64C 11/24 (2006.01) B64C 11/26 (2006.01) B64C 27/467 (2006.01) B64C 27/473 (2006.01) B64C 39/02 (2006.01) F03D 1/06 (2006.01)**
[25] EN
[54] **PROPELLER BLADE TREATMENTS FOR SOUND CONTROL**
[54] **TRAITEMENTS DE PALES D'HELICE POUR CONTROLE DU SON**
[72] BECKMAN, BRIAN C., US
[72] KIMCHI, GUR, US
[72] KO, ALLAN, US
[72] CORALIC, VEDRAN, US
[72] BUNECI, EMILIA SORANA, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2018-06-13
[86] 2016-12-14 (PCT/US2016/066706)
[87] (WO2017/106376)
[30] US (14/975,291) 2015-12-18
[30] US (14/975,209) 2015-12-18
[30] US (14/975,236) 2015-12-18
[30] US (14/975,265) 2015-12-18
[30] US (14/975,274) 2015-12-18
[30] US (14/975,249) 2015-12-18
[30] US (15/189,849) 2016-06-22
[30] US (15/189,861) 2016-06-22
[30] US (15/276,549) 2016-09-26

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[21] **3,008,454**
[13] A1
[51] **Int.Cl. G06F 12/08 (2016.01) G06F 15/16 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR CORRELATING MULTIPLE TABLES IN A DATABASE ENVIRONMENT**
[54] **PROCEDE ET DISPOSITIF DE CORRELATION DE TABLES MULTIPLES DANS UN ENVIRONNEMENT DE BASE DE DONNEES**
[72] VON DRAKK, VIKTOR, US
[71] SWVL, INC., US
[85] 2018-06-13
[86] 2016-12-16 (PCT/US2016/067362)
[87] (WO2017/106773)
[30] US (62/269,954) 2015-12-19

---

[21] **3,008,456**
[13] A1
[51] **Int.Cl. H04N 5/232 (2006.01) G08B 13/196 (2006.01) H04L 29/06 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **VIDEO ON DEMAND FOR AUDIO/VIDEO RECORDING AND COMMUNICATION DEVICES**
[54] **VIDEO A LA DEMANDE POUR DISPOSITIFS D'ENREGISTREMENT ET DE COMMUNICATION AUDIO/VIDEO**
[72] MODESTINE, JOHN, US
[72] ROTH, JOSHUA, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2018-06-13
[86] 2016-12-15 (PCT/US2016/066938)
[87] (WO2017/106506)
[30] US (62/267,762) 2015-12-15
[30] US (62/289,114) 2016-01-29

---

[21] **3,008,457**
[13] A1
[51] **Int.Cl. G08B 17/10 (2006.01)**
[25] EN
[54] **FLAME DETECTOR COVERAGE VERIFICATION SYSTEM**
[54] **SYSTEME DE VERIFICATION DE LA PORTEE D'UN DETECTEUR DE FLAMME**
[72] LIANG, EDWIN CHOO YONG, SG
[72] XU, YAOFENG, CN
[71] GENERAL MONITORS, INC., US
[85] 2018-06-13
[86] 2017-01-13 (PCT/US2017/013432)
[87] (WO2017/123944)
[30] US (14/996,808) 2016-01-15
[30] US (15/403,528) 2017-01-11

---

[21] **3,008,458**
[13] A1
[51] **Int.Cl. H04N 21/2225 (2011.01)**
[25] EN
[54] **VIDEO ON DEMAND FOR AUDIO/VIDEO RECORDING AND COMMUNICATION DEVICES**
[54] **VIDEO A LA DEMANDE POUR DISPOSITIFS D'ENREGISTREMENT ET DE COMMUNICATION AUDIO/VIDEO**
[72] MODESTINE, JOHN, US
[72] ROTH, JOSHUA, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2018-06-13
[86] 2016-12-15 (PCT/US2016/066949)
[87] (WO2017/106511)
[30] US (62/267,762) 2015-12-15
[30] US (62/289,114) 2016-01-29
[30] US (62/338,992) 2016-05-19

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[21] **3,008,459**
[13] A1
[51] **Int.Cl. C10G 45/58 (2006.01) B01J 8/22 (2006.01) B01J 31/02 (2006.01) B01J 38/10 (2006.01) C07C 2/56 (2006.01) C07C 2/62 (2006.01) C07C 2/68 (2006.01) C10G 3/00 (2006.01) C10G 29/20 (2006.01) C10G 50/00 (2006.01) C10G 67/02 (2006.01) C10G 69/12 (2006.01)**
[25] EN
[54] **REGENERATION OF ACIDIC IONIC LIQUID WITHOUT ADDITION OF A HYDROGENATION CATALYST**
[54] **REGENERATION DE LIQUIDE IONIQUE ACIDE SANS AJOUT D'UN CATALYSEUR D'HYDROGENATION**
[72] GIRGIS, MICHAEL JOHN, US
[72] LUO, HUPING, US
[72] CHANG, BONG KYU, US
[72] TIMKEN, HYE-KYUNG, US
[72] SONG, STEVEN XUGI, US
[72] DRIVER, MICHAEL SEAN, US
[71] CHEVRON U.S.A. INC., US
[85] 2018-06-13
[86] 2017-01-18 (PCT/US2017/013858)
[87] (WO2017/132016)
[30] US (15/010,168) 2016-01-29
[30] US (15/010,236) 2016-01-29

[21] **3,008,460**
[13] A1
[51] **Int.Cl. B29C 47/78 (2006.01) F16L 59/02 (2006.01)**
[25] EN
[54] **HEAT-INSULATING SHROUD FOR FACILITATING TEMPERATURE CONTROL OF A HEATED DEVICE OR PRODUCT**
[54] **ENVELOPPE D'ISOLATION THERMIQUE POUR FACILITER LA REGULATION DE LA TEMPERATURE D'UN DISPOSITIF OU D'UN PRODUIT CHAUFFES**
[72] KITZ, HARRY JAY, CA
[72] PASCAL, DENIS, CA
[71] SASIPA INC., CA
[85] 2018-06-14
[86] 2016-12-16 (PCT/CA2016/051495)
[87] (WO2017/100937)
[30] US (62/268,703) 2015-12-17

[21] **3,008,461**
[13] A1
[51] **Int.Cl. E21B 7/08 (2006.01) E21B 12/00 (2006.01) E21B 17/10 (2006.01)**
[25] EN
[54] **APPARATUS FOR MOUNTING ON A TUBULAR STRUCTURE**
[54] **APPAREIL A MONTER SUR UNE STRUCTURE TUBULAIRE**
[72] ZILKA, KENNETH JOHN, CA
[71] FRICTION TOOL SOLUTIONS INC., CA
[71] ZILKA, KENNETH JOHN, CA
[85] 2018-06-14
[86] 2016-12-22 (PCT/CA2016/051531)
[87] (WO2017/106975)
[30] US (62/387,280) 2015-12-23

[21] **3,008,462**
[13] A1
[51] **Int.Cl. G06F 3/0482 (2013.01) G06F 17/28 (2006.01) G06K 9/62 (2006.01) G10L 15/18 (2013.01)**
[25] EN
[54] **SELF-SERVICE CLASSIFICATION SYSTEM**
[54] **SYSTEME DE CLASSIFICATION EN LIBRE-SERVICE**
[72] HERTZ, SHAI, US
[72] ZAROSIM, HILA, IL
[72] HAZAI, OREN, IL
[72] ROM, OFRI, IL
[72] AZIKRI, EHUD, IL
[72] WEINTRAUB, LIOR, IL
[72] LINDMAN, YAEL, IL
[72] WEINREB, ENAV, IL
[72] KHALAMAN, SAVVA, IL
[72] BEN-SHLOMO, YOSSI, IL
[72] LEVINSON, DMITRY, IL
[72] SHARABI, EVYATAR, IL
[72] GOLDSHLAGER, ALEXANDRA RABINOVICH, IL
[71] THOMSON REUTERS GLOBAL RESOURCES UNLIMITED COMPANY, CH
[85] 2018-06-13
[86] 2017-04-04 (PCT/US2017/025937)
[87] (WO2017/176749)
[30] US (62/318,412) 2016-04-05
[30] US (62/376,039) 2016-08-17

[21] **3,008,463**
[13] A1
[51] **Int.Cl. C08K 3/04 (2006.01) B60C 1/00 (2006.01) C08K 3/00 (2018.01) C08K 3/02 (2006.01) C08K 5/00 (2006.01) C08K 5/5398 (2006.01)**
[25] EN
[54] **CARBON BLACK COMPOSITION WITH SULFUR DONOR**
[54] **COMPOSITION DE NOIR DE CARBONE COMPRENANT UN DONNEUR DE SOUFRE**
[72] HERD, CHARLES R., US
[72] COMBS, ZACHARY A., US
[71] COLUMBIAN CHEMICALS COMPANY, US
[85] 2018-06-13
[86] 2016-12-15 (PCT/US2016/066920)
[87] (WO2017/106493)
[30] US (62/267,525) 2015-12-15

[21] **3,008,466**
[13] A1
[51] **Int.Cl. A61K 38/00 (2006.01) A61P 35/00 (2006.01) A61P 39/00 (2006.01)**
[25] EN
[54] **METHOD FOR PREVENTING OR TREATING RADIATION AND CHEMICAL DAMAGE**
[54] **METHODE DE PREVENTION OU DE TRAITEMENT DES RADIOLESIONS ET DES LESIONS CHIMIQUES**
[72] LI, JINAN, CN
[71] TALENGEN INTERNATIONAL LIMITED, CN
[85] 2018-06-14
[86] 2016-12-16 (PCT/CN2016/110455)
[87] (WO2017/101873)
[30] CN (PCT/CN2015/097949) 2015-12-18

[21] **3,008,468**
[13] A1
[51] **Int.Cl. G01V 1/38 (2006.01) B63B 27/08 (2006.01) B66D 1/36 (2006.01) B66D 1/48 (2006.01) G01V 1/20 (2006.01)**
[25] EN
[54] **DRUM FOR A TOWED ANTENNA, WINCH, TOWED ANTENNA AND WATER VEHICLE**
[54] **TAMBOUR POUR ANTENNE REMORQUEE/UNE FLUTE SISMIQUE MARINE, TREUIL, ANTENNE REMORQUEE/FLUTE SISMIQUE MARINE ET VEHICULE NAUTIQUE**
[72] BOCHENTIN, THORSTEN, DE
[71] ATLAS ELEKTRONIK GMBH, DE
[85] 2018-06-14
[86] 2017-04-18 (PCT/DE2017/100307)
[87] (WO2017/198252)
[30] DE (10 2016 109 108.1) 2016-05-18

[21] **3,008,469**
[13] A1
[51] **Int.Cl. B66B 1/04 (2006.01) B66B 5/00 (2006.01) B66B 15/08 (2006.01)**
[25] EN
[54] **MULTI-ROPE COOPERATIVE CONTROL SYSTEM TESTBED OF ULTRADEEP MINE HOIST**
[54] **BANC D'ESSAI DE SYSTEME DE COMMANDE COOPERATIVE A CABLES MULTIPLES D'UN TREUIL DE MINE ULTRA-PROFONDE**
[72] SHEN, GANG, CN
[72] ZHU, ZHENCAI, CN
[72] LI, XIANG, CN
[72] LI, GE, CN
[72] LIU, SONGYONG, CN
[72] CAO, GUOHUA, CN
[72] PENG, YUXING, CN
[72] LI, WEI, CN
[72] ZHOU, GONGBO, CN
[72] LU, HAO, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
[85] 2018-06-14
[86] 2016-12-02 (PCT/CN2016/108398)
[87] (WO2017/101688)
[30] CN (201510934087.4) 2015-12-15

---

[21] **3,008,471**
[13] A1
[51] **Int.Cl. A61K 9/52 (2006.01) A61K 31/4035 (2006.01) A61K 47/32 (2006.01) A61K 47/34 (2017.01) A61K 47/38 (2006.01) A61P 17/06 (2006.01)**
[25] EN
[54] **APREMILAST SUSTAINED RELEASE PREPARATION**
[54] **PREPARATION A LIBERATION PROLONGEE D'APREMILAST**
[72] PAN, KAI, CN
[72] LIU, KAI, CN
[72] GUO, CHENNING, CN
[72] LIU, TONG, CN
[71] JIANGSU HENGRUI MEDICINE CO., LTD., CN
[85] 2018-06-14
[86] 2016-12-06 (PCT/CN2016/108709)
[87] (WO2017/107768)
[30] CN (201510982528.8) 2015-12-24

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[21] **3,008,474**
[13] A1
[51] **Int.Cl. G03F 1/24 (2012.01) G03F 1/62 (2012.01) G03F 7/20 (2006.01)**
[25] EN
[54] **A MEMBRANE FOR EUV LITHOGRAPHY**
[54] **MEMBRANE POUR LITHOGRAPHIE EUV**
[72] VAN ZWOL, PIETER-JAN, NL
[72] DE GRAAF, DENNIS, NL
[72] JANSSEN, PAUL, NL
[72] PETER, MARIA, NL
[72] VAN DE KERKHOF, MARCUS ADRIANUS, NL
[72] VAN DER ZANDE, WILLEM JOAN, NL
[72] VLES, DAVID FERDINAND, NL
[72] VOORTHUIJZEN, WILLEM-PIETER, NL
[71] ASML NETHERLANDS B.V., NL
[85] 2018-06-14
[86] 2016-12-02 (PCT/EP2016/079594)
[87] (WO2017/102379)
[30] EP (15199845.7) 2015-12-14
[30] EP (16163962.0) 2016-04-06

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[21] **3,008,475**
[13] A1
[51] **Int.Cl. A61K 38/48 (2006.01) A61P 1/16 (2006.01)**
[25] EN
[54] **METHOD FOR PREVENTING AND TREATING HEPATIC TISSUE INJURY AND RELATED DISORDERS THEREOF**
[54] **PROCEDE POUR PREVENIR OU TRAITER DES LESIONS TISSULAIRES HEPATIQUES ET DES MALADIES ASSOCIEES**
[72] LI, JINAN, CN
[71] TALENGEN INTERNATIONAL LIMITED, CN
[85] 2018-06-14
[86] 2016-12-16 (PCT/CN2016/110451)
[87] (WO2017/101869)
[30] CN (PCT/CN2015/097945) 2015-12-18
[30] CN (PCT/CN2015/097949) 2015-12-18

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[21] **3,008,476**
[13] A1
[51] **Int.Cl. E04B 2/74 (2006.01) E04B 1/68 (2006.01) E04B 1/94 (2006.01) E04B 2/72 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD AND APPARATUS FOR SUBSTANTIALLY AIRTIGHT AREA SEPARATION WALL**
[54] **SYSTEME, PROCEDE ET APPAREIL POUR PAROI DE SEPARATION DE ZONE SENSIBLEMENT ETANCHE A L'AIR**
[72] GATLAND, STANLEY D., US
[72] DINOIA, TODD D., US
[72] MCDONALD, CONOR PATRICK, US
[71] CERTAINTEED GYPSUM, INC., US
[85] 2018-06-13
[86] 2016-12-16 (PCT/US2016/067376)
[87] (WO2017/106785)
[30] US (62/269,815) 2015-12-18

[21] **3,008,477**
[13] A1
[51] **Int.Cl. G03F 1/62 (2012.01) G03F 1/22 (2012.01) G03F 7/20 (2006.01)**
[25] EN
[54] **PELLICLE AND PELLICLE ASSEMBLY**
[54] **PELLICULE ET ENSEMBLE PELLICULE**
[72] VLES, DAVID FERDINAND, NL
[72] ABEGG, ERIK ACHILLES, NL
[72] BENDIKSEN, AAGE, US
[72] BROUNS, DERK SERVATIUS GERTRUDA, NL
[72] GOVIL, PRADEEP K., US
[72] JANSSEN, PAUL, NL
[72] NASALEVICH, MAXIM ALEKSANDROVICH, NL
[72] NOTENBOOM, ARNOUD WILLEM, NL
[72] PETER, MARIA, NL
[72] VAN DE KERKHOF, MARCUS ADRIANUS, NL
[72] VAN DER ZANDE, WILLEM JOAN, NL
[72] VAN ZWOL, PIETER-JAN, NL
[72] VERMEULEN, JOHANNES PETRUS MARTINUS BERNARDUS, NL
[72] VOORTHUIJZEN, WILLEM-PIETER, NL
[72] WILEY, JAMES NORMAN, NL
[71] ASML NETHERLANDS B.V., NL
[71] ASML HOLDING N.V., NL
[85] 2018-06-14
[86] 2016-12-02 (PCT/EP2016/079599)
[87] (WO2017/102380)
[30] EP (15200767.0) 2015-12-17
[30] US (62/328,291) 2016-04-27
[30] US (62/365,524) 2016-07-22

[21] **3,008,478**
[13] A1
[51] **Int.Cl. C08G 77/08 (2006.01) C08L 83/04 (2006.01) C08L 83/06 (2006.01) C08L 83/08 (2006.01) C09J 183/04 (2006.01)**
[25] EN
[54] **TITANIUM COMPLEXES AS VULCANIZATION CATALYSTS**
[54] **COMPLEXES DE TITANE EN TANT QUE CATALYSEURS DE VULCANISATION**
[72] GUTACKER, ANDREA, DE
[72] MEJIA, ESTEBAN, DE
[72] KRAGL, UDO, DE
[72] KLEIN, JOHANN, DE
[72] HOHNE, MARTHA, DE
[71] HENKEL AG & CO. KGAA, DE
[85] 2018-06-14
[86] 2016-12-07 (PCT/EP2016/080114)
[87] (WO2017/102510)
[30] EP (15200907.2) 2015-12-17

[21] **3,008,479**
[13] A1
[51] **Int.Cl. A61B 5/11 (2006.01) G01C 17/00 (2006.01) G01C 21/00 (2006.01)**
[25] EN
[54] **IMU CALIBRATION**
[54] **ETALONNAGE D'UMI**
[72] MAHFOUZ, MOHAMED R., US
[71] MAHFOUZ, MOHAMED R., US
[85] 2018-06-13
[86] 2016-12-16 (PCT/US2016/067387)
[87] (WO2017/106794)
[30] US (62/268,175) 2015-12-16

[21] **3,008,480**
[13] A1
[51] **Int.Cl. H04N 1/04 (2006.01) B65C 11/00 (2006.01) B65H 7/06 (2006.01) B65H 9/08 (2006.01) B65H 15/00 (2006.01) G03B 15/03 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS RELATING TO DOCUMENT AND FASTENER IDENTIFICATION**
[54] **SYSTEMES ET PROCEDES SE RAPPORTANT A L'IDENTIFICATION DE DOCUMENTS ET D'ATTACHES**
[72] FIELDING, ALEX, US
[72] HALL, KEVIN C., US
[72] KNIGHT, KIRK H., US
[72] HURLEY, JENS JORDAN, US
[72] GRUBB, JONATHAN FLOYD, US
[72] HARTNAGLE, JOSEPH DAVID DILLS, US
[71] RIPCORD INC., US
[85] 2018-06-13
[86] 2016-12-19 (PCT/US2016/067583)
[87] (WO2017/106856)
[30] US (62/233,947) 2015-12-19
[30] US (62/233,938) 2015-12-19
[30] US (62/233,934) 2015-12-19

[21] **3,008,484**
[13] A1
[51] **Int.Cl. C07D 403/12 (2006.01) A61K 31/4704 (2006.01) A61P 29/00 (2006.01) C07D 413/12 (2006.01)**
[25] EN
[54] **ALKYL DIHYDROQUINOLINE SULFONAMIDE COMPOUNDS**
[54] **COMPOSES SULFONAMIDES DE DIHYDROQUINOLINE D'ALKYLE**
[72] WEISS, MATTHEW, US
[72] MILGRAM, BENJAMIN C., US
[72] MARX, ISAAC E., US
[72] DINEEN, THOMAS, US
[71] AMGEN INC., US
[85] 2018-06-13
[86] 2016-12-19 (PCT/US2016/067617)
[87] (WO2017/106871)
[30] US (62/269,518) 2015-12-18

[21] **3,008,485**
[13] A1
[51] **Int.Cl. C07D 403/12 (2006.01) A61K 31/4704 (2006.01) C07D 215/36 (2006.01) C07D 241/44 (2006.01) C07D 413/12 (2006.01) C07D 413/14 (2006.01) C07D 417/12 (2006.01)**
[25] EN
[54] **ALKYNYL DIHYDROQUINOLINE SULFONAMIDE COMPOUNDS**
[54] **COMPOSES SULFONAMIDES DE DIHYDROQUINOLINE D'ALCYNYLE**
[72] WEISS, MATTHEW, US
[72] DINEEN, THOMAS, US
[72] VAIDA, KARINA R., US
[71] AMGEN INC., US
[85] 2018-06-13
[86] 2016-12-19 (PCT/US2016/067622)
[87] (WO2017/106872)
[30] US (62/269,533) 2015-12-18

[21] **3,008,487**
[13] A1
[51] **Int.Cl. B05B 5/025 (2006.01) B05B 5/053 (2006.01) B05B 5/10 (2006.01)**
[25] EN
[54] **ELECTROSTATIC FLUID DELIVERY BACKPACK SYSTEM**
[54] **SYSTEME DORSAL DE DISTRIBUTION DE FLUIDE ELECTROSTATIQUE**
[72] WRIGHT, CLIFFORD, US
[71] VICTORY INNOVATIONS COMPANY, US
[85] 2018-06-13
[86] 2016-12-21 (PCT/US2016/068044)
[87] (WO2017/112781)
[30] US (62/270,430) 2015-12-21
[30] US (62/383,108) 2016-09-02

[21] **3,008,488**
[13] A1
[51] **Int.Cl. C07D 405/14 (2006.01) A61K 31/415 (2006.01) A61K 31/4155 (2006.01) A61P 35/00 (2006.01) C07D 231/14 (2006.01) C07D 401/04 (2006.01) C07D 401/06 (2006.01) C07D 403/04 (2006.01) C07D 405/04 (2006.01) C07D 405/06 (2006.01) C07D 405/08 (2006.01) C07D 413/06 (2006.01)**
[25] EN
[54] **COMPOUNDS USEFUL AS KINASE INHIBITORS**
[54] **COMPOSES UTILISES COMME INHIBITEURS DE KINASE**
[72] GUISOT, NICOLAS, GB
[71] LOXO ONCOLOGY, INC., US
[85] 2018-06-14
[86] 2016-12-16 (PCT/GB2016/053968)
[87] (WO2017/103611)
[30] GB (1522245.8) 2015-12-16
[30] GB (1613945.3) 2016-08-15

[21] **3,008,489**
[13] A1
[51] **Int.Cl. B63B 9/06 (2006.01) B63B 35/44 (2006.01) B63B 39/03 (2006.01) B65D 88/78 (2006.01)**
[25] EN
[54] **A CONTROLLABLE FLOAT MODULE, A MODULAR OFFSHORE STRUCTURE ASSEMBLY COMPRISING AT LEAST ONE CONTROLLABLE FLOAT MODULE AND A METHOD FOR ASSEMBLING A MODULAR OFFSHORE STRUCTURE IN SITU**
[54] **MODULE DE FLOTTEUR POUVANT ETRE COMMANDE, ENSEMBLE STRUCTURE EN MER MODULAIRE COMPRENANT AU MOINS UN MODULE DE FLOTTEUR POUVANT ETRE COMMANDE, ET PROCEDE D'ASSEMBLAGE DE STRUCTUREEN MER MODULAIRE IN SITU**
[72] HARDCASTLE, TREVOR M., GB
[71] HARDCASTLE, TREVOR M., GB
[85] 2018-06-14
[86] 2016-12-19 (PCT/GB2016/053990)
[87] (WO2017/109470)
[30] GB (1522480.1) 2015-12-20

[21] **3,008,491**
[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/10 (2006.01) A61K 9/16 (2006.01) A61K 31/00 (2006.01) A61K 47/26 (2006.01) A61K 47/38 (2006.01)**
[25] EN
[54] **SUSTAINED RELEASE CYCLOSPORINE-LOADED MICROPARTICLES**
[54] **MICROPARTICULES CHARGEES EN CYCLOSPORINE A LIBERATION PROLONGEE**
[72] SEAMAN, PAUL, GB
[72] BAMSEY, KATHARINE, GB
[72] THOMAS, NIGEL, GB
[72] PAICE, DEWI, GB
[71] MIDATECH PHARMA (WALES) LIMITED, GB
[85] 2018-06-14
[86] 2016-12-16 (PCT/EP2016/081593)
[87] (WO2017/103218)
[30] GB (1522441.3) 2015-12-18

[21] **3,008,493**
[13] A1
[51] **Int.Cl. H01M 2/20 (2006.01)**
[25] EN
[54] **BATTERY PACKS AND METHOD OF ASSEMBLING BATTERY PACKS**
[54] **BLOCS-BATTERIES ET PROCEDE D'ASSEMBLAGE DE BLOCS-BATTERIES**
[72] FAUTEUX, DENIS GASTON, CN
[72] LEE, HEI MAN RAYMOND, CN
[72] ZHAO, JIAN GUO, CN
[72] WU, YUAN BAI, CN
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, CN
[85] 2018-06-14
[86] 2016-02-26 (PCT/CN2016/074731)
[87] (WO2017/143597)

[21] **3,008,495**
[13] A1
[51] **Int.Cl. A61K 38/00 (2006.01) A61P 15/00 (2006.01) A61P 31/00 (2006.01)**
[25] EN
[54] **METHOD FOR PREVENTING AND TREATING CERVICAL EROSION**
[54] **METHODE DESTINEE A PREVENIR ET TRAITER UNE EROSION CERVICALE**
[72] LI, JINAN, CN
[71] TALENGEN INTERNATIONAL LIMITED, CN
[85] 2018-06-14
[86] 2016-12-16 (PCT/CN2016/110454)
[87] (WO2017/101872)
[30] CN (PCT/CN2015/097948) 2015-12-18

---

[21] **3,008,497**
[13] A1
[51] **Int.Cl. B23K 1/012 (2006.01) B23K 1/008 (2006.01)**
[25] EN
[54] **HOT-AIR OXYGEN-FREE BRAZING SYSTEM**
[54] **SYSTEME DE BRASAGE A AIR CHAUD SANS OXYGENE**
[72] ZHANG, YUE, CN
[71] ZHANG, YUE, CN
[85] 2018-06-14
[86] 2017-08-29 (PCT/CN2017/099432)
[87] (WO2018/099149)
[30] CN (201611072348.7) 2016-11-29
[30] CN (201710379554.0) 2017-05-25
[30] CN (201710742327.X) 2017-08-25

---

[21] **3,008,499**
[13] A1
[51] **Int.Cl. E04C 2/30 (2006.01)**
[25] EN
[54] **METAL PLATE HAVING HOLLOW TUBES SANDWICHED THEREIN AND ITS USE**
[54] **TOLE METALLIQUE AYANT DES TUBES CREUX PRIS EN SANDWICH DANS CELLE-CI ET SON UTILISATION**
[72] ZHANG, YUE, CN
[71] ZHANG, YUE, CN
[85] 2018-06-14
[86] 2017-09-26 (PCT/CN2017/103301)
[87] (WO2018/076984)
[30] CN (201610967446.0) 2016-10-31
[30] CN (201710069311.7) 2017-02-08
[30] CN (201710465352.8) 2017-06-19
[30] CN (201710621594.1) 2017-07-27
[30] CN (201710621595.6) 2017-07-27
[30] CN (201710700964.0) 2017-08-16

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[21] **3,008,500**
[13] A1
[51] **Int.Cl. F03D 13/10 (2016.01) F03D 80/00 (2016.01) B66C 1/10 (2006.01)**
[25] EN
[54] **LIFTING DEVICE FOR LIFTING A COMPONENT OF A WIND TURBINE AND METHOD FOR ASSEMBLING COMPONENTS OF A WIND TURBINE**
[54] **DISPOSITIF DE LEVAGE POUR LEVER UN ELEMENT D'UNE EOLIENNE ET PROCEDE POUR MONTER DES ELEMENTS D'UNE EOLIENNE**
[72] MEYER, WOLFGANG, DE
[72] LULKER, FRANK, DE
[72] BEECKMANN, SASCHA, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2018-06-13
[86] 2017-01-04 (PCT/EP2017/050146)
[87] (WO2017/118663)
[30] DE (10 2016 200 160.4) 2016-01-08

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[21] **3,008,503**
[13] A1
[51] **Int.Cl. A61C 13/003 (2006.01) A61C 5/80 (2017.01) A61C 9/00 (2006.01)**
[25] EN
[54] **DIRECT DENTAL BRIDGE**
[54] **BRIDGE DENTAIRE DIRECT**
[72] MORRIS, CHRISTOPHER, CA
[71] MORRIS, CHRISTOPHER, CA
[85] 2018-06-14
[86] 2016-12-16 (PCT/CA2016/051506)
[87] (WO2017/100948)
[30] US (62/386,919) 2015-12-16
[30] US (62/389,993) 2016-03-15
[30] US (62/392,777) 2016-06-13
[30] US (62/360,083) 2016-07-08

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[21] **3,008,504**
[13] A1
[51] **Int.Cl. C21D 1/42 (2006.01) C22F 3/02 (2006.01)**
[25] EN
[54] **A METHOD FOR HEAT TREATING BY INDUCTION AN ALLOY COMPONENT FOR GENERATING MICROSTRUCTURE GRADIENTS AND AN ALLOY COMPONENT HEAT TREATED ACCORDING TO THE METHOD**
[54] **PROCEDE DE TRAITEMENT THERMIQUE PAR INDUCTION D'UN COMPOSANT D'ALLIAGE POUR GENERER DES GRADIENTS DE MICROSTRUCTURE ET UN COMPOSANT D'ALLIAGE THERMIQUEMENT TRAITE SELON LE PROCEDE**
[72] BRIDIER, FLORENT, FR
[72] BOCHER, PHILIPPE, CA
[72] CORMIER, JONATHAN, FR
[72] VILLECHAISE, PATRICK, FR
[71] ECOLE DE TECHNOLOGIE SUPERIEURE, CA
[71] INSTITUT SUPERIEUR DE L'AERONAUTIQUE ET DE L'ESPACE - ECOLE NATIONALE SUPERIEURE DE MECANIQUE ET D'AEROTECHNIQUE (ISAE-ENSMA), FR
[71] AUBERT & DUVAL, FR
[85] 2018-06-14
[86] 2016-12-21 (PCT/CA2016/051519)
[87] (WO2017/106970)
[30] US (62/270,783) 2015-12-22

---

[21] **3,008,505**
[13] A1
[51] **Int.Cl. G01V 1/00 (2006.01) G01V 1/38 (2006.01)**
[25] EN
[54] **INDIVIDUAL ACTUATION WITHIN A SOURCE SUBARRAY**
[54] **ACTIONNEMENT INDIVIDUEL DANS UN SOUS-RESEAU DE SOURCE**
[72] LIMA, JOSTEIN, NO
[72] KLUVER, TILMAN, NO
[72] HEGNA, STIAN, NO
[71] PGS GEOPHYSICAL AS, NO
[85] 2018-06-14
[86] 2016-12-14 (PCT/EP2016/081051)
[87] (WO2017/102872)
[30] US (62/268,020) 2015-12-16
[30] US (15/344,669) 2016-11-07

[21] **3,008,507**
[13] A1
[51] **Int.Cl. C10J 3/84 (2006.01)**
[25] EN
[54] **GASIFICATION SYSTEM AND PROCESS**
[54] **SYSTEME ET PROCEDE DE GAZEIFICATION**
[72] LIU, SIJING, NL
[72] SCHMITZ-GOEB, MANFRED HEINRICH, DE
[72] WOLFERT, ANTHONY, NL
[72] JAUREGI, UNAI, NL
[72] WOLFF, JOACHIM OTTOMAR, NL
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[85] 2018-06-14
[86] 2016-12-15 (PCT/EP2016/081191)
[87] (WO2017/102945)
[30] EP (15200402.4) 2015-12-16

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[21] **3,008,517**
[13] A1
[51] **Int.Cl. E01C 5/22 (2006.01) B32B 15/04 (2006.01) E04B 1/62 (2006.01) E04B 5/44 (2006.01) E04C 2/28 (2006.01) E04F 15/00 (2006.01)**
[25] EN
[54] **PROCESS OF MANUFACTURE OF BASALTIC ANTIABRASIVE HYBRID PLATES**
[54] **PROCEDE DE FABRICATION DE PLAQUES HYBRIDES ANTI-ABRASIVES BASALTIQUES**
[72] MAINARD JUNIOR, FERNANDO, BR
[71] AB3 GROUP S.A., BR
[85] 2018-06-14
[86] 2016-12-19 (PCT/BR2016/000160)
[87] (WO2017/100881)
[30] BR (1020150316470) 2015-12-17

---

[21] **3,008,520**
[13] A1
[51] **Int.Cl. B06B 3/04 (2006.01) A61B 8/13 (2006.01) G01S 7/521 (2006.01)**
[25] EN
[54] **PHASED ARRAY TRANSDUCER WITH COUPLING LAYER FOR SUPPRESSION OF GRATING LOBES**
[54] **SONDE A DEPHASAGE AVEC COUCHE DE COUPLAGE POUR LA SUPPRESSION DE LOBES SECONDAIRES D'ANTENNE RESEAU**
[72] HYNYNEN, KULLERVO HENRIK, CA
[71] SUNNYBROOK RESEARCH INSTITUTE, CA
[85] 2018-06-14
[86] 2017-02-23 (PCT/CA2017/050229)
[87] (WO2017/143443)
[30] US (62/298,850) 2016-02-23

---

[21] **3,008,523**
[13] A1
[51] **Int.Cl. B25F 5/00 (2006.01)**
[25] EN
[54] **COMBINATION OF A PORTABLE, MOTOR-DRIVEN HAND-HELD TOOL AND A GLOVE**
[54] **OUTIL A MAIN A MOTEUR, PROCEDE D'UTILISATION D'UN OUTIL A MAIN, COMBINAISON D'UN OUTIL A MAIN A MOTEUR ET D'UN GANT**
[72] FRENKEN, EGBERT, DE
[71] GUSTAV KLAUKE GMBH, DE
[85] 2018-06-14
[86] 2015-12-14 (PCT/EP2015/079570)
[87] (WO2017/101964)

---

[21] **3,008,524**
[13] A1
[51] **Int.Cl. A61N 5/06 (2006.01)**
[25] FR
[54] **IMPLANTABLE DEVICE FOR OPTICAL STIMULATION OF THE BRAIN**
[54] **DISPOSITIF IMPLANTABLE POUR LA STIMULATION OPTIQUE DU CERVEAU**
[72] CHABROL, CLAUDE, FR
[72] BENABID, ALIM-LOUIS, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2018-06-14
[86] 2016-12-07 (PCT/FR2016/053248)
[87] (WO2017/103380)
[30] FR (1562698) 2015-12-17

---

[21] **3,008,526**
[13] A1
[51] **Int.Cl. A61N 5/06 (2006.01)**
[25] FR
[54] **DEVICE FOR OPTICALLY STIMULATING THE BRAIN VIA AN OPTICAL FIBER**
[54] **DISPOSITIF POUR LA STIMULATION OPTIQUE DU CERVEAU AU MOYEN D'UNE FIBRE OPTIQUE**
[72] CHABROL, CLAUDE, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2018-06-14
[86] 2016-12-07 (PCT/FR2016/053249)
[87] (WO2017/103381)
[30] FR (1562525) 2015-12-16

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[21] **3,008,527**
[13] A1
[51] **Int.Cl. C10G 1/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PROCESSING OILY MIXTURE**
[54] **PROCEDE ET SYSTEME DE TRAITEMENT DE MELANGE HUILEUX**
[72] ZHANG, YAN, CN
[72] HOU, YINGFEI, CN
[71] CYC MACHINERY INC., US
[85] 2018-06-14
[86] 2015-12-25 (PCT/CN2015/098810)
[87] (WO2017/107157)

[21] **3,008,528**
[13] A1
[51] **Int.Cl. C08L 23/10 (2006.01) C08J 3/20 (2006.01) C08K 5/01 (2006.01) C08L 23/16 (2006.01) H01B 3/44 (2006.01) H01B 7/02 (2006.01)**
[25] FR
[54] **POLYMER COMPOSITION HAVING GREATER RESISTANCE TO STRESS WHITENING**
[54] **COMPOSITION POLYMERE PRESENTANT UNE RESISTANCE AU BLANCHIMENT SOUS CONTRAINTE AMELIOREE**
[72] PEREGO, GABRIELE, IT
[72] MAZEL, CHRISTELLE, FR
[72] MEYER, MATTHIAS, DE
[72] CHARRIER, DIMITRI, FR
[72] FESTAZ, XAVIER, FR
[71] NEXANS, FR
[85] 2018-06-14
[86] 2016-12-15 (PCT/FR2016/053480)
[87] (WO2017/103511)
[30] FR (15 62790) 2015-12-18

[21] **3,008,529**
[13] A1
[51] **Int.Cl. H01B 3/44 (2006.01) C08L 23/06 (2006.01) C08L 23/12 (2006.01) C08L 23/14 (2006.01)**
[25] FR
[54] **MEDIUM- OR HIGH-VOLTAGE ELECTRIC CABLE**
[54] **CABLE ELECTRIQUE A MOYENNE OU HAUTE TENSION**
[72] PEREGO, GABRIELE, IT
[72] MAZEL, CHRISTELLE, FR
[72] MEYER, MATTHIAS, DE
[72] CHARRIER, DIMITRI, FR
[72] FESTAZ, XAVIER, FR
[71] NEXANS, FR
[85] 2018-06-14
[86] 2016-12-15 (PCT/FR2016/053481)
[87] (WO2017/103512)
[30] FR (15 62775) 2015-12-18

[21] **3,008,531**
[13] A1
[51] **Int.Cl. C03C 21/00 (2006.01) C03C 23/00 (2006.01)**
[25] EN
[54] **GLASS SUBSTRATE FOR CHEMICAL STRENGTHENING AND METHOD FOR CHEMICALLY STRENGTHENING WITH CONTROLLED CURVATURE**
[54] **SUBSTRAT UN VERRE DESTINE A UN RENFORCEMENT CHIMIQUE ET PROCEDE DE RENFORCEMENT CHIMIQUE A COURBURE REGULEE**
[72] NAVET, BENJAMINE, BE
[72] BOULANGER, PIERRE, BE
[71] AGC GLASS EUROPE, BE
[71] ASAHI GLASS CO LTD, JP
[85] 2018-06-14
[86] 2016-12-01 (PCT/EP2016/079381)
[87] (WO2017/102345)
[30] EP (15201319.9) 2015-12-18

[21] **3,008,532**
[13] A1
[51] **Int.Cl. A61K 36/82 (2006.01) A61K 8/49 (2006.01) A61K 8/97 (2017.01) A61K 36/185 (2006.01) A61P 17/04 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **COMPOSITION COMPRISING AN AMBORA EXTRACT AND A GREEN TEA EXTRACT FOR THE TREATMENT OF PSORIASIS, ATOPIC DERMATITIS, CHRONIC URTICARIA, ANTIHISTAMINE-RESISTANT PRURITUS AND SENILE PRURITUS**
[54] **COMPOSITION COMPRENANT UN EXTRAIT D'AMBORA ET UN EXTRAIT DE THE VERT POUR LE TRAITEMENT DU PSORIASIS, DE LA DERMATITE ATOPIQUE, DE L'URTICAIRE CHRONIQUES, DU PRURIT RESISTANT AUX ANTIHISTAMINIQUES ET DU PRURIT SENILE**
[72] THOREL, JEAN-NOEL, FR
[71] THOREL, JEAN-NOEL, FR
[85] 2018-06-14
[86] 2016-12-22 (PCT/FR2016/053630)
[87] (WO2017/109423)
[30] FR (1563086) 2015-12-22

[21] **3,008,533**
[13] A1
[51] **Int.Cl. D04H 1/4209 (2012.01) D04H 1/732 (2012.01) D01G 9/00 (2006.01) E04F 21/08 (2006.01)**
[25] FR
[54] **INSULATION PRODUCT CMOPRISING BULK MINERAL WOOL**
[54] **PRODUIT D'ISOLATION COMPRENANT DE LA LAINE MINERALE EN VRAC**
[72] DOVETTA, NICOLAS, FR
[72] SIBAND, MATHILDE, FR
[72] DE FRANCQUEVILLE, FOUCAULT, FR
[71] SAINT-GOBAIN ISOVER, FR
[85] 2018-06-14
[86] 2016-12-23 (PCT/FR2016/053660)
[87] (WO2017/115044)
[30] FR (1563438) 2015-12-29

[21] **3,008,534**
[13] A1
[51] **Int.Cl. F16L 59/02 (2006.01) B29C 70/00 (2006.01) B32B 5/00 (2006.01) E04B 1/80 (2006.01) F16L 59/04 (2006.01) F16L 59/06 (2006.01) F25D 23/06 (2006.01)**
[25] EN
[54] **A METHOD OF PRODUCING AN INSULATION PRODUCT AND A PRODUCT OBTAINED BY SAID METHOD**
[54] **PROCEDE DE PRODUCTION DE PRODUIT ISOLANT ET PRODUIT OBTENU PAR LA MISE EN OEUVRE DUDIT PROCEDE**
[72] RAHBEK, JENS EG, DK
[71] ROCKWOOL INTERNATIONAL A/S, DK
[85] 2018-06-14
[86] 2016-12-07 (PCT/EP2016/079999)
[87] (WO2017/102481)
[30] EP (15200751.4) 2015-12-17

[21] **3,008,535**
[13] A1
[51] **Int.Cl. A61M 5/168 (2006.01) A61M 39/24 (2006.01)**
[25] EN
[54] **VALVE ARRANGEMENT FOR ENTERAL FEEDING SETS HAVING MULTIPLE FLUID SOURCES**
[54] **ENSEMBLE CLAPET POUR ENSEMBLES D'ALIMENTATION ENTERALE DOTE DE MULTIPLES SOURCES DE FLUIDE**
[72] JEDWAB, MICHAEL, CH
[72] ANDREY, NICOLAS, CH
[71] AXIUM MTECH SA, CH
[85] 2018-06-14
[86] 2016-12-12 (PCT/EP2016/080577)
[87] (WO2017/102624)
[30] US (62/268,193) 2015-12-16

[21] **3,008,537**
[13] A1
[51] **Int.Cl. C07F 17/02 (2006.01) A61K 47/24 (2006.01) A61P 35/00 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **REDOX-SENSITIVE VESICLES**
[54] **VESICULES SENSIBLE A L'OXYDOREDUCTION**
[72] MAUZEROLL, JANINE, CA
[72] NOYHOUZER, TOMER AHARON, CA
[72] SNOWDEN, MICHAEL EDWARD, CA
[72] DAUPHIN DUCHARME, PHILIPPE, CA
[72] MAZURKIEWICZ, STEPHANI, CA
[72] L'HOMME, CHLOE, FR
[72] DESJARDINS, SAMUEL, CA
[72] CANESI, SYLVAIN, CA
[71] TRANSFERT PLUS SOCIETE EN COMMANDITE, CA
[71] THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY, CA
[85] 2018-06-14
[86] 2016-01-19 (PCT/CA2016/050039)
[87] (WO2016/115626)
[30] US (62/105,039) 2015-01-19

[21] **3,008,538**
[13] A1
[51] **Int.Cl. B08B 3/02 (2006.01) B05B 1/00 (2006.01) B05B 15/00 (2018.01)**
[25] EN
[54] **MODULAR POWER WASHER SYSTEM, METHOD AND KIT THEREFOR**
[54] **SYSTEME DE LAVEUSE A PRESSION MODULAIRE, PROCEDE ET KIT CORRESPONDANTS**
[72] RICKEY, TODD, CN
[72] ESCHRICH, SVEN, CN
[71] TTI (MACAO COMMERICAL OFFSHORE) LIMITED, MO
[85] 2018-06-14
[86] 2016-02-22 (PCT/CN2016/074288)
[87] (WO2017/143497)

[21] **3,008,540**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01) B01J 19/00 (2006.01) C12N 11/08 (2006.01) G01N 33/543 (2006.01)**
[25] EN
[54] **THREE-DIMENSIONAL POLYMER NETWORKS WITH CHANNELS SITUATED THEREIN**
[54] **RESEAUX POLYMERES TRIDIMENSIONNELS COMPORTANT DES CANAUX**
[72] KLAPPROTH, HOLGER, DE
[72] BEDNAR, SONJA, DE
[71] SAFEGUARD BIOSYSTEMS HOLDINGS LTD., GB
[85] 2018-06-14
[86] 2016-12-16 (PCT/EP2016/081457)
[87] (WO2017/103128)
[30] EP (15201355.3) 2015-12-18
[30] US (15/008,728) 2016-01-28

[21] **3,008,541**
[13] A1
[51] **Int.Cl. D04H 1/4209 (2012.01) D04H 1/732 (2012.01) D01G 9/00 (2006.01) E04F 21/08 (2006.01)**
[25] FR
[54] **METHOD FOR PREPARING AN INSULATING PRODUCT MADE OF WOOL, IN PARTICULAR ROCK WOOL**
[54] **PROCEDE DE PREPARATION D'UN PRODUIT D'ISOLATION A BASE DE LAINE, NOTAMMENT MINERALE**
[72] DOVETTA, NICOLAS, FR
[72] SIBAND, MATHILDE, FR
[72] DE FRANCQUEVILLE, FOUCAULT, FR
[71] SAINT-GOBAIN ISOVER, FR
[85] 2018-06-14
[86] 2016-12-23 (PCT/FR2016/053662)
[87] (WO2017/115045)
[30] FR (1563437) 2015-12-29

[21] **3,008,542**
[13] A1
[51] **Int.Cl. C07K 14/16 (2006.01)**
[25] EN
[54] **HUMAN IMMUNODEFICIENCY VIRUS ANTIGENS, VECTORS, COMPOSITIONS, AND METHODS OF USE THEREOF**
[54] **ANTIGENES DU VIRUS DE L'IMMUNODEFICIENCE HUMAINE, VECTEURS, COMPOSITIONS, ET LEURS PROCEDES D'UTILISATION**
[72] LANGEDIJK, JOHANNES PETRUS MARIA, NL
[71] JANSSEN VACCINES & PREVENTION B.V., NL
[85] 2018-06-14
[86] 2016-12-15 (PCT/EP2016/081159)
[87] (WO2017/102929)
[30] EP (15200138.4) 2015-12-15
[30] EP (16194124.0) 2016-10-17

[21] **3,008,544**
[13] A1
[51] **Int.Cl. B04C 5/16 (2006.01)**
[25] EN
[54] **HYDROCYCLONE SEPARATOR**
[54] **SEPARATEUR A HYDROCYCLONE**
[72] GRONVALL, LARS, SE
[71] METSO SWEDEN AB, SE
[85] 2018-06-14
[86] 2016-12-15 (PCT/EP2016/081257)
[87] (WO2017/102985)
[30] EP (15201333.0) 2015-12-18

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[21] **3,008,546**
[13] A1
[51] **Int.Cl. G09B 19/00 (2006.01) A63B 69/36 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ANALYSIS OF MOVEMENT OF A PIECE OF SPORTS EQUIPMENT**
[54] **PROCEDE ET DISPOSITIF D'ANALYSE DES MOUVEMENTS D'UN EQUIPEMENT DE SPORT**
[72] PREGIZER, CHRISTOPH, DE
[72] POSNIAK, LUKAS, DE
[71] VIEWLICITY GMBH, DE
[85] 2018-06-14
[86] 2016-12-19 (PCT/EP2016/081751)
[87] (WO2017/103270)
[30] DE (10 2015 225 776.2) 2015-12-17

---

[21] **3,008,547**
[13] A1
[51] **Int.Cl. C23C 16/458 (2006.01) C23C 16/50 (2006.01) H01J 37/32 (2006.01)**
[25] EN
[54] **VACUUM-COATING SYSTEM FOR COATING LENSES**
[54] **INSTALLATION DE REVETEMENT SOUS VIDE DESTINEE AU REVETEMENT DE LENTILLES**
[72] ARNET, ROMAN, CH
[72] PIOTROWSKI, DANIEL, CH
[72] KOERNER, LUTZ, CH
[71] INTERGLASS TECHNOLOGY AG, CH
[85] 2018-06-14
[86] 2016-12-19 (PCT/EP2016/081787)
[87] (WO2017/108713)
[30] CH (1896/15) 2015-12-22

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[21] **3,008,548**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **INTRAVESICAL THERAPY FOR BLADDER CANCER**
[54] **TRAITEMENT INTRAVESICAL DU CANCER DE LA VESSIE**
[72] HESTDAL, KJETIL, NO
[71] PHOTOCURE ASA, NO
[85] 2018-06-14
[86] 2016-12-19 (PCT/EP2016/081798)
[87] (WO2017/103280)
[30] GB (1522311.8) 2015-12-17

---

[21] **3,008,549**
[13] A1
[51] **Int.Cl. A61C 8/00 (2006.01) A61C 13/08 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING A DENTAL STRUCTURE, DENTAL STRUCTURE OBTAINED AND DENTAL ASSEMBLY FORMED BY A STRUCTURE SCREWED ON A DENTAL IMPLANT**
[54] **PROCEDE POUR LA FABRICATION D'UNE STRUCTURE DENTAIRE, STRUCTURE DENTAIRE OBTENUE ET ENSEMBLE DENTAIRE FORME D'UNE STRUCTURE VISSEE SUR UN IMPLANT DENTAIRE**
[72] XAM-MAR MANGRANE, ESTEBAN, ES
[71] XAM-MAR MANGRANE, ESTEBAN, ES
[85] 2018-06-14
[86] 2016-01-21 (PCT/ES2016/070030)
[87] (WO2017/125621)

---

[21] **3,008,550**
[13] A1
[51] **Int.Cl. G01K 3/04 (2006.01) G01N 31/22 (2006.01)**
[25] EN
[54] **PRINTABLE TIME-TEMPERATURE INDICATOR SYSTEM**
[54] **SYSTEME INDICATEUR DE TEMPS-TEMPERATURE IMPRIMABLE**
[72] ANDERSEN, PEDER OSCAR, NO
[72] GUDJONSSON, EGGERT FREYR, NO
[72] ROHR, ASMUND K., NO
[72] AASLAND, CHRISTIAN SALBU, NO
[72] KOVALCHUK, KARINA, NO
[72] BROWN, DAVID, NO
[71] KEEP-IT TECHNOLOGIES AS, NO
[85] 2018-06-14
[86] 2016-12-16 (PCT/EP2016/081579)
[87] (WO2017/103206)
[30] NO (20151745) 2015-12-17

---

[21] **3,008,551**
[13] A1
[51] **Int.Cl. A61K 41/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **NEOADJUVANT THERAPY FOR BLADDER CANCER**
[54] **TRAITEMENT NEOADJUVANT DU CANCER DE LA VESSIE**
[72] HESTDAL, KJETIL, NO
[71] PHOTOCURE ASA, NO
[85] 2018-06-14
[86] 2016-12-19 (PCT/EP2016/081803)
[87] (WO2017/103283)
[30] GB (1522309.2) 2015-12-17

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[21] **3,008,552**
[13] A1
[51] **Int.Cl. A61K 41/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **METHOD OF PHOTODYNAMIC THERAPY (PDT) FOR BLADDER CANCER**
[54] **PROCEDE DE THERAPIE PHOTODYNAMIQUE (PDT) POUR LE CANCER DE LA VESSIE**
[72] HESTDAL, KJETIL, NO
[72] GODAL, ASLAK, NO
[71] PHOTOCURE ASA, NO
[85] 2018-06-14
[86] 2016-12-19 (PCT/EP2016/081809)
[87] (WO2017/103285)
[30] EP (15200938.7) 2015-12-17

[21] **3,008,553**
[13] A1
[51] **Int.Cl. A01K 67/027 (2006.01) C12N 5/071 (2010.01) C12N 5/073 (2010.01) C12N 5/079 (2010.01) C12N 5/09 (2010.01) G01N 33/50 (2006.01)**
[25] FR
[54] **ANIMAL STUDY MODEL FOR CANCER**
[54] **MODELE D'ETUDE ANIMAL DU CANCER**
[72] CASTELLANI-LINCONTANG, VALERIE, FR
[72] DELLOYE-BOURGEOIS, CELINE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE CLAUDE BERNARD LYON 1, FR
[85] 2018-06-14
[86] 2016-12-15 (PCT/EP2016/081316)
[87] (WO2017/103025)
[30] FR (1562693) 2015-12-17

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[21] **3,008,554**
[13] A1
[51] **Int.Cl. B01J 2/04 (2006.01) B01J 2/08 (2006.01) B01J 2/18 (2006.01)**
[25] EN
[54] **MICROPARTICLE PRODUCTION PROCESS AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE PRODUCTION DE MICROPARTICULES**
[72] SEAMAN, PAUL, GB
[72] JONES, HUW, GB
[72] MCALEER, LIAM, GB
[71] MIDATECH PHARMA (WALES) LIMITED, GB
[85] 2018-06-14
[86] 2016-12-16 (PCT/EP2016/081436)
[87] (WO2017/103113)
[30] GB (1522423.1) 2015-12-18

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[21] **3,008,555**
[13] A1
[51] **Int.Cl. A61N 5/06 (2006.01)**
[25] EN
[54] **DEVICE FOR PHOTODYNAMIC TREATMENT**
[54] **DISPOSITIF DE TRAITEMENT PHOTODYNAMIQUE**
[72] GJORSVIK, TORE, NO
[72] GODAL, ASLAK, NO
[72] WARREN, ROGER WILLIAM ROLFE, NZ
[71] PHOTOCURE ASA, NO
[85] 2018-06-14
[86] 2016-12-16 (PCT/EP2016/081425)
[87] (WO2017/103105)
[30] GB (1522398.5) 2015-12-18

---

[21] **3,008,556**
[13] A1
[51] **Int.Cl. C07H 19/073 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORM OF GEMCITABINE**
[54] **FORME CRISTALLINE DE GEMCITABINE**
[72] GRIFFITH, HUGH, GB
[71] NUCANA PLC, GB
[85] 2018-06-14
[86] 2016-12-21 (PCT/GB2016/054017)
[87] (WO2017/109485)
[30] GB (1522771.3) 2015-12-23

---

[21] **3,008,557**
[13] A1
[51] **Int.Cl. B07C 5/342 (2006.01) A01C 1/02 (2006.01) G01N 1/08 (2006.01) B07C 5/38 (2006.01)**
[25] EN
[54] **SAMPLING DEVICE FOR INTRODUCING AN INDIVIDUALIZED SEED GRAIN INTO A MEASURING DEVICE AS WELL AS SYSTEM AND METHOD FOR SORTING A PLURALITY OF SEED GRAINS AND USE THEREOF**
[54] **SYSTEME D'ECHANTILLONNAGE SERVANT A INTRODUIRE DANS UN DISPOSITIF DE MESURE UN GRAIN DE SEMENCE SEPARE, SYSTEME ET PROCEDE DE TRI D'UNE PLURALITE DE GRAINS DE SEMENCE SEPARES, ET UTILISATION DESDITS SYSTEMES**
[72] MELCHINGER, ALBRECHT EUGEN, DE
[72] MAUCH, FRANZ-JOSEF, DE
[71] UNIVERSITAT HOHENHEIM, DE
[85] 2018-06-14
[86] 2016-12-20 (PCT/EP2016/081844)
[87] (WO2017/108740)
[30] DE (10 2015 226 349.5) 2015-12-21

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[21] **3,008,558**
[13] A1
[51] **Int.Cl. H01M 2/02 (2006.01) H01M 4/04 (2006.01) H01M 4/66 (2006.01) H01M 4/76 (2006.01) H01M 10/39 (2006.01)**
[25] EN
[54] **APPARATUS FOR STORING ELECTRIC ENERGY AND METHOD FOR THE ASSEMBLY AND START-UP THEREOF AND FOR OPERATION THEREOF**
[54] **DISPOSITIF DE STOCKAGE D'ENERGIE ELECTRIQUE ET PROCEDE DE MONTAGE, DE MISE EN SERVICE DE CELUI-CI, ET PROCEDE DE FONCTIONNEMENT DE CELUI-CI**
[72] BAYER, DOMNIK, DE
[72] ZERPA UNDA, JESUS ENRIQUE, DE
[72] JABCZYNSKI, WOLFGANG, DE
[71] BASF SE, DE
[85] 2018-06-13
[86] 2016-12-13 (PCT/EP2016/080747)
[87] (WO2017/102697)
[30] EP (15199894.5) 2015-12-14

[21] **3,008,561**
[13] A1
[51] **Int.Cl. C02F 1/461 (2006.01) C25C 7/00 (2006.01) C02F 1/463 (2006.01)**
[25] EN
[54] **AN ELECTROCHEMICAL REACTOR, AN APPARATUS AND A SYSTEM FOR TREATING WATER, AND A METHOD FOR CONTROLLING A WATER TREATMENT APPARATUS**
[54] **REACTEUR ELECTROCHIMIQUE, APPAREIL ET SYSTEME DESTINES AU TRAITEMENT DE L'EAU, ET PROCEDE DE COMMANDE D'UN APPAREIL DE TRAITEMENT D'EAU**
[72] MARTIKAINEN, MIKA, FI
[72] KARHU, MIKKO, FI
[72] LUUKKONEN, MATTI, FI
[72] ISOMAKI, NIKO, FI
[72] VAN DER MEER, TUOMAS, FI
[71] OUTOTEC (FINLAND) OY, FI
[85] 2018-06-14
[86] 2016-12-21 (PCT/FI2016/050903)
[87] (WO2017/109283)
[30] FI (20155992) 2015-12-22

---

[21] **3,008,562**
[13] A1
[51] **Int.Cl. B25J 9/16 (2006.01) A47B 77/08 (2006.01) A47B 77/16 (2006.01) A47J 47/02 (2006.01) B25J 11/00 (2006.01) B65D 81/18 (2006.01)**
[25] EN
[54] **ROBOTIC MANIPULATION METHODS AND SYSTEMS FOR EXECUTING A DOMAIN-SPECIFIC APPLICATION IN AN INSTRUMENTED ENVIRONMENT WITH CONTAINERS AND ELECTRONIC MINIMANIPULATION LIBRARIES**
[54] **PROCEDES ET SYSTEMES DE MANIPULATION ROBOTIQUE POUR EXECUTER UNE APPLICATION SPECIFIQUE A UN DOMAINE DANS UN ENVIRONNEMENT INSTRUMENTE AVEC CONTENANTS ET BIBLIOTHEQUES ELECTRONIQUES DE MINI-MANIPULATION**
[72] OLEYNIK, MARK, MC
[71] MBL LIMITED, GB
[85] 2018-06-14
[86] 2016-12-16 (PCT/IB2016/001947)
[87] (WO2017/103682)
[30] US (62/268,131) 2015-12-16
[30] US (62/288,854) 2016-01-29
[30] US (62/322,118) 2016-04-13
[30] US (62/399,476) 2016-09-25
[30] US (62/425,531) 2016-11-22

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[21] **3,008,564**
[13] A1
[51] **Int.Cl. G06Q 10/10 (2012.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **RECORDED CONTENT GENERATION FOR MOBILE DEVICES**
[54] **GENERATION DE CONTENU ENREGISTRE POUR DES DISPOSITIFS MOBILES**
[72] ABOU HAMZE, NAJIB, LB
[71] GLOBAL MULTIMEDIA INVESTMENT (UK) LIMITED, GB
[85] 2018-06-14
[86] 2016-03-18 (PCT/GB2016/050753)
[87] (WO2017/103556)
[30] US (62/267,699) 2015-12-15

---

[21] **3,008,565**
[13] A1
[51] **Int.Cl. A61H 1/02 (2006.01) A63B 17/04 (2006.01) A63B 21/00 (2006.01) A63B 23/035 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR TRAINING**
[54] **DISPOSITIF ET PROCEDE D'ENTRAINEMENT**
[72] BUHL, ELMAR, AT
[71] BUHL, ELMAR, AT
[85] 2018-06-14
[86] 2016-12-22 (PCT/EP2016/082302)
[87] (WO2017/109032)
[30] DE (10 2015 122 637.5) 2015-12-22

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[21] **3,008,567**
[13] A1
[51] **Int.Cl. H04L 29/08 (2006.01) B60R 21/013 (2006.01) G06F 11/30 (2006.01) H04B 1/10 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONTROLLING SENSOR-BASED DATA ACQUISITION AND SIGNAL PROCESSING IN VEHICLES**
[54] **SYSTEMES ET PROCEDES POUR COMMANDER UNE ACQUISITION DE DONNEES BASEE SUR UN CAPTEUR ET UN TRAITEMENT DE SIGNAL DANS DES VEHICULES**
[72] SBIANCHI, FABIO, IT
[72] GIANNELLA, GIANFRANCO, IT
[71] OCTO TELEMATICS S.P.A., IT
[85] 2018-06-14
[86] 2016-12-12 (PCT/IB2016/001879)
[87] (WO2017/103672)
[30] US (14/969,100) 2015-12-15

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[21] **3,008,568**
[13] A1
[51] **Int.Cl. B02C 18/14 (2006.01) B02C 18/22 (2006.01)**
[25] EN
[54] **A CRUSHER FOR RUBBLE**
[54] **BROYEUR DE GRAVATS**
[72] VENTURI, MARCO, IT
[71] CAMS S.R.L., IT
[85] 2018-06-14
[86] 2016-10-27 (PCT/IB2016/056453)
[87] (WO2017/109597)
[30] IT (102015000087105) 2015-12-23

[21] **3,008,569**
[13] A1
[51] **Int.Cl. E02F 3/88 (2006.01) E02F 3/92 (2006.01) E02F 5/10 (2006.01) E02F 5/12 (2006.01) E02F 5/22 (2006.01) E02F 5/28 (2006.01) E21B 7/18 (2006.01) E21C 25/60 (2006.01)**
[25] EN
[54] **JET TRENCHING SYSTEM**
[54] **SYSTEME D'EXCAVATION DE TRANCHEES PAR JET**
[72] WILSON, MICHAEL W. N., GB
[71] ECOSSE SUBSEA SYSTEMS LIMITED, GB
[85] 2018-06-14
[86] 2016-12-19 (PCT/GB2016/053982)
[87] (WO2017/109465)
[30] US (14/976,909) 2015-12-21

[21] **3,008,570**
[13] A1
[51] **Int.Cl. F27B 3/18 (2006.01) B65G 43/08 (2006.01) C21C 5/56 (2006.01) F27B 3/28 (2006.01) F27D 13/00 (2006.01) F27D 19/00 (2006.01) F27D 21/02 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DETERMINING THE MASS OF FEEDSTOCK ON A CONVEYOR**
[54] **PROCEDE ET SYSTEME DE DETERMINATION DE LA MASSE DE CHARGE D'ALIMENTATION SUR UN TRANSPORTEUR**
[72] BAUMERT, JEAN-CLAUDE, LU
[72] THIBAUT, JEAN-CLAUDE, BE
[72] PICCO, MARCO, LU
[71] ARCELORMITTAL, LU
[85] 2018-06-14
[86] 2016-12-16 (PCT/IB2016/057719)
[87] (WO2017/109657)
[30] IB (PCT/IB2015/059871) 2015-12-22

[21] **3,008,571**
[13] A1
[51] **Int.Cl. G06Q 20/40 (2012.01) H04W 12/06 (2009.01) G06F 21/36 (2013.01)**
[25] EN
[54] **SYSTEM FOR AND METHOD OF AUTHENTICATING A USER ON A DEVICE**
[54] **SYSTEME ET PROCEDE D'AUTHENTIFICATION D'UN UTILISATEUR SUR UN DISPOSITIF**
[72] ALIMI, VINCENT, CA
[72] OLLIVIER, JULIEN, CA
[72] FONTAINE, SEBASTIEN, CA
[71] MOBEEWAVE, INC., CA
[85] 2018-06-14
[86] 2016-12-01 (PCT/IB2016/057249)
[87] (WO2017/115174)
[30] US (62/271,428) 2015-12-28

[21] **3,008,572**
[13] A1
[51] **Int.Cl. A01K 63/00 (2017.01) A01G 31/02 (2006.01)**
[25] EN
[54] **AUTONOMOUS PLANT GROWING SYSTEM**
[54] **SYSTEME DE CULTURE DE PLANTES AUTONOME**
[72] MAMAN, MICHAEL, IL
[72] LEVY, ZOHAR, IL
[72] ZEEVI, URI, IL
[71] EROLL GROW-TECH LTD., IL
[85] 2018-06-14
[86] 2016-12-12 (PCT/IL2016/051327)
[87] (WO2017/103922)
[30] IL (243172) 2015-12-17

[21] **3,008,573**
[13] A1
[51] **Int.Cl. A01K 45/00 (2006.01)**
[25] EN
[54] **METHOD, DEVICE AND SYSTEM FOR HANDLING, GRADING AND VACCINATING LIVING BIRDS**
[54] **PROCEDE, DISPOSITIF ET SYSTEME DE MANIPULATION, CLASSEMENT ET VACCINATION D'OISEAUX VIVANTS**
[72] FORNER DOMENECH, IVAN, ES
[72] HERNANDEZ GOMEZ, SANTIAGO, ES
[71] AGRI ADVANCED TECHNOLOGIES GMBH, DE
[85] 2018-06-14
[86] 2017-01-17 (PCT/EP2017/050886)
[87] (WO2017/125387)
[30] EP (16151757.8) 2016-01-18

[21] **3,008,574**
[13] A1
[51] **Int.Cl. A61J 1/20 (2006.01)**
[25] EN
[54] **CONNECTOR SECTION**
[54] **SECTION DE CONNECTEUR**
[72] KRIHELI, MARINO, IL
[72] SHEM-TOV, ERIC, IL
[71] EQUASHIELD MEDICAL LTD., IL
[85] 2018-06-14
[86] 2016-12-20 (PCT/IL2016/051357)
[87] (WO2017/109776)
[30] IL (243108) 2015-12-22

[21] **3,008,575**
[13] A1
[51] **Int.Cl. H01G 4/35 (2006.01) G01R 15/16 (2006.01)**
[25] EN
[54] **CAPACITOR, CAPACITIVE VOLTAGE SENSOR AND METHOD FOR MANUFACTURING A CAPACITOR**
[54] **CONDENSATEUR, CAPTEUR DE TENSION CAPACITIF ET PROCEDE DE FABRICATION DE CONDENSATEUR**
[72] STOLLWERCK, GUNTHER A. J., DE
[72] GRAVERMANN, MARK, DE
[72] MUGGLI, MARK W., DE
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2018-06-14
[86] 2016-12-09 (PCT/IB2016/057490)
[87] (WO2017/103754)
[30] EP (15200930.4) 2015-12-17

[21] **3,008,576**
[13] A1
[51] **Int.Cl. A61K 9/20 (2006.01) A61K 31/00 (2006.01)**
[25] EN
[54] **FORMULATIONS/COMPOSITIONS COMPRISING A BTK INHIBITOR**
[54] **FORMULATIONS/COMPOSITIONS COMPRENANT UN INHIBITEUR DE BTK**
[72] GUPTA, MANISH KUMAR, BE
[72] KULKARNI, PARIKSHIT RAMESHRAO, IN
[72] KRISHNAN NAIR, BINURAJ, IN
[71] JANSSEN PHARMACEUTICA NV, BE
[85] 2018-06-14
[86] 2017-01-18 (PCT/EP2017/050964)
[87] (WO2017/125424)
[30] IN (201621001987) 2016-01-19

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[21] **3,008,577**
[13] A1
[51] **Int.Cl. D05C 17/00 (2006.01) D06N 7/00 (2006.01) E01C 13/08 (2006.01)**
[25] EN
[54] **MACHINE FOR MANUFACTURING ARTIFICIAL TURF**
[54] **MACHINE DE FABRICATION DE GAZON ARTIFICIEL**
[72] SICK, STEPHAN, DE
[72] SANDER, DIRK, DE
[72] LESZINSKI, THOMAS, DE
[72] JANSEN, BERND, DE
[71] POLYTEX SPORTBELAGE PRODUKTIONS-GMBH, DE
[85] 2018-06-14
[86] 2017-03-21 (PCT/EP2017/056650)
[87] (WO2017/162643)
[30] EP (16 161 776.6) 2016-03-22

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[21] **3,008,578**
[13] A1
[51] **Int.Cl. A01G 7/04 (2006.01) A01G 31/06 (2006.01) A01G 9/24 (2006.01) A01G 9/26 (2006.01)**
[25] EN
[54] **APPARATUS FOR GROWING VEGETABLES, MUSHROOMS, ORNAMENTAL PLANTS AND THE LIKE**
[54] **APPAREIL DE CULTURE DE LEGUMES, CHAMPIGNONS, PLANTES ORNEMENTALES ET ANALOGUES**
[72] ROSSI, DANIELE, IT
[71] TOMATOPIU S.R.L., IT
[85] 2018-06-14
[86] 2016-12-16 (PCT/IB2016/057713)
[87] (WO2017/103874)
[30] IT (102015000084933) 2015-12-18

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[21] **3,008,579**
[13] A1
[51] **Int.Cl. A62B 21/00 (2006.01) A62B 7/00 (2006.01) B01J 7/00 (2006.01) B01J 7/02 (2006.01) C01B 13/02 (2006.01) C01B 17/00 (2006.01)**
[25] EN
[54] **OXYGEN-GENERATING CAPSULE**
[54] **CAPSULE PRODUISANT DE L'OXYGENE**
[72] NIV, DROR, IL
[72] DAVID, ELIYAHU, IL
[71] PURECARE DENTAL LTD, IL
[85] 2018-06-14
[86] 2016-12-20 (PCT/IL2016/051359)
[87] (WO2017/109777)
[30] US (62/270,629) 2015-12-22

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[21] **3,008,580**
[13] A1
[51] **Int.Cl. B09B 3/00 (2006.01) C01D 3/08 (2006.01) C01F 11/32 (2006.01)**
[25] EN
[54] **METHOD AND ARRANGEMENT FOR RECOVERY OF SALT**
[54] **PROCEDE ET AGENCEMENT POUR RECUPERATION DU SEL**
[72] COHEN, YARIV, SE
[71] EASYMINING SWEDEN AB, SE
[85] 2018-06-14
[86] 2016-12-19 (PCT/SE2016/051282)
[87] (WO2017/111685)
[30] SE (1551685-9) 2015-12-21

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[21] **3,008,581**
[13] A1
[51] **Int.Cl. G01V 3/12 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CREATING SEISMIC VIBRATIONS**
[54] **SYSTEME ET PROCEDE DE CREATION DE VIBRATIONS SISMIQUES**
[72] DVIR, IRA, IL
[72] RABINOWITZ BATZ, NITZAN, IL
[72] LANDA, DAVID HAIM, IL
[71] SEISMIC MECHATRONICS B.V., NL
[85] 2018-06-14
[86] 2016-12-15 (PCT/IL2016/051340)
[87] (WO2017/103929)
[30] US (62/268,524) 2015-12-17

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[21] **3,008,582**
[13] A1
[51] **Int.Cl. B23B 29/04 (2006.01) B23B 27/00 (2006.01) B23B 27/08 (2006.01) B23B 29/12 (2006.01)**
[25] EN
[54] **CUTTING TOOL HOLDER WITH VIBRATION DAMPING WEIGHT ASSEMBLY**
[54] **SUPPORT D'OUTIL DE COUPE AVEC ENSEMBLE POIDS D'AMORTISSEMENT DE VIBRATIONS**
[72] HECHT, GIL, IL
[72] ZAGAGY, OFIR, IL
[72] MEN, ILYA, IL
[72] SAFFOURI, JONY, IL
[71] ISCAR LTD., IL
[85] 2018-06-14
[86] 2016-12-12 (PCT/IL2016/051326)
[87] (WO2017/109771)
[30] US (14/976,442) 2015-12-21

[21] **3,008,583**
[13] A1
[51] **Int.Cl. E21B 43/17 (2006.01) E21B 41/00 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **FLUID MANAGEMENT SYSTEM FOR PRODUCING TREATMENT FLUID USING CONTAINERIZED FLUID ADDITIVES**
[54] **SYSTEME DE GESTION DE FLUIDE DESTINE A LA PRODUCTION DE FLUIDE DE TRAITEMENT A L'AIDE D'ADDITIFS DE FLUIDE PLACES DANS DES RECIPIENTS**
[72] STEGEMOELLER, CALVIN L., US
[72] LUCAS, BRYAN CHAPMAN, US
[72] FISHER, CHAD ADAM, US
[72] SCHAFFNER, AUSTIN CARL, US
[72] WARREN, WESLEY JOHN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-06-14
[86] 2016-03-24 (PCT/US2016/024027)
[87] (WO2017/164880)

---

[21] **3,008,584**
[13] A1
[51] **Int.Cl. A61M 5/32 (2006.01)**
[25] EN
[54] **SYRINGE PROTECTING DEVICE**
[54] **DISPOSITIF DE PROTECTION DE SERINGUE**
[72] KARASAWA, KOJI, JP
[71] FORTE GROW MEDICAL CO., LTD., JP
[85] 2018-06-14
[86] 2016-09-14 (PCT/JP2016/077147)
[87] (WO2017/104196)
[30] JP (2015-247707) 2015-12-18

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[21] **3,008,586**
[13] A1
[51] **Int.Cl. H01M 8/04225 (2016.01) H01M 8/04302 (2016.01) H01M 8/04701 (2016.01) H01M 8/0612 (2016.01) H01M 8/06 (2016.01) H01M 8/12 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM AND CONTROL METHOD FOR FUEL CELL SYSTEM**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET PROCEDE DE COMMANDE DE SYSTEME DE PILE A COMBUSTIBLE**
[72] MAESHIMA, SUSUMU, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-06-14
[86] 2016-10-20 (PCT/JP2016/081140)
[87] (WO2017/104258)
[30] JP (2015-244516) 2015-12-15

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[21] **3,008,587**
[13] A1
[51] **Int.Cl. C08L 21/00 (2006.01) C08K 5/42 (2006.01) E21B 33/12 (2006.01)**
[25] EN
[54] **COMPOSITION, COMPOSITION FOR DOWNHOLE TOOLS, DEGRADABLE RUBBER MEMBER FOR DOWNHOLE, DOWNHOLE TOOL, AND METHOD FOR WELL DRILLING**
[54] **COMPOSITION, COMPOSITION POUR OUTIL DE FOND DE PUITS, ELEMENT CAOUTCHOUTEUX DEGRADABLE POUR OUTIL DE FOND DE PUITS, OUTIL DE FOND DE PUITS ET PROCEDE DE FORAGE DE PUITS**
[72] KOBAYASHI, TAKUMA, JP
[72] SAIJO, HIKARU, JP
[72] KOBAYASHI, FUMINORI, JP
[72] TAKAHASHI, TAKEO, JP
[71] KUREHA CORPORATION, JP
[85] 2018-06-14
[86] 2016-12-14 (PCT/JP2016/087178)
[87] (WO2017/110609)
[30] JP (2015-250408) 2015-12-22

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[21] **3,008,588**
[13] A1
[51] **Int.Cl. C22C 38/00 (2006.01) C21D 8/12 (2006.01) C22C 38/60 (2006.01) H01F 1/147 (2006.01) C21D 9/46 (2006.01)**
[25] EN
[54] **NON-ORIENTEDELECTRICAL STEEL SHEET AND METHOD FOR MANUFACTURING NON-ORIENTED ELECTRICAL STEEL SHEET**
[54] **TOLE D'ACIER ELECTROMAGNETIQUE A GRAINS NON ORIENTES ET PROCEDE DE PRODUCTION DE TOLE ELECTROMAGNETIQUE A GRAINS NON ORIENTES**
[72] UESAKA, MASANORI, JP
[72] SENDA, KUNIHIRO, JP
[72] OMURA, TAKESHI, JP
[71] JFE STEEL CORPORATION, JP
[85] 2018-06-14
[86] 2016-12-14 (PCT/JP2016/087279)
[87] (WO2017/115657)
[30] JP (2015-256634) 2015-12-28

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[21] **3,008,589**
[13] A1
[51] **Int.Cl. A61K 38/00 (2006.01) A61K 9/12 (2006.01) A61L 26/00 (2006.01) A61P 7/04 (2006.01) A61P 17/02 (2006.01) A61P 43/00 (2006.01) C07K 7/00 (2006.01)**
[25] EN
[54] **COMPOSITION FOR HEMOSTASIS AND METHOD FOR HEMOSTASIS USING COMPOSITION FOR HEMOSTASIS**
[54] **COMPOSITION HEMOSTATIQUE ET PROCEDE HEMOSTATIQUE UTILISANT UNE COMPOSITION HEMOSTATIQUE**
[72] NAGANO, KEIJI, JP
[72] KOBAYASHI, SATORU, JP
[71] 3-D MATRIX, LTD., JP
[85] 2018-06-14
[86] 2016-12-14 (PCT/JP2016/087298)
[87] (WO2017/104723)
[30] JP (2015-247334) 2015-12-18

[21] **3,008,590**
[13] A1
[51] **Int.Cl. C25B 1/30 (2006.01) C25B 9/00 (2006.01) C25B 11/12 (2006.01) C25B 15/08 (2006.01)**
[25] EN
[54] **DEVICE FOR GENERATING HYDROGEN PEROXIDE**
[54] **DISPOSITIF POUR GENERER DU PEROXYDE D'HYDROGENE**
[72] IDE, TAKESHI, JP
[72] MURAYAMA, SEIICHI, JP
[72] SHIMURA, NAOHIKO, JP
[72] ABE, NORIMITSU, JP
[71] KABUSHIKI KAISHA TOSHIBA, JP
[71] TOSHIBA INFRASTRUCTURE SYSTEMS & SOLUTIONS CORPORATION, JP
[85] 2018-06-14
[86] 2016-09-20 (PCT/JP2016/077737)
[87] (WO2017/104203)
[30] JP (2015-247552) 2015-12-18

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[21] **3,008,591**
[13] A1
[51] **Int.Cl. C22C 23/02 (2006.01) B21C 23/00 (2006.01) B22D 21/04 (2006.01) C22F 1/06 (2006.01) E21B 33/12 (2006.01) C22F 1/00 (2006.01)**
[25] EN
[54] **STOCK SHAPE FOR DOWNHOLE TOOL COMPONENT, DOWNHOLE TOOL COMPONENT, AND DOWNHOLE TOOL**
[54] **MATERIAU PROFILE POUR ELEMENT D'OUTIL DE FOND DE PUITS, ELEMENT D'OUTIL DE FOND DE PUITS, OUTIL DE FOND DE PUITS**
[72] KOBAYASHI, FUMINORI, JP
[72] OKURA, MASAYUKI, JP
[72] TAKAHASHI, TAKEO, JP
[71] KUREHA CORPORATION, JP
[85] 2018-06-14
[86] 2016-12-26 (PCT/JP2016/088681)
[87] (WO2017/111159)
[30] JP (2015-255372) 2015-12-25

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[21] **3,008,592**
[13] A1
[51] **Int.Cl. B60L 3/00 (2006.01) B60L 11/18 (2006.01) H01M 8/00 (2016.01) H01M 8/04 (2016.01) H02J 7/00 (2006.01) H01M 8/12 (2016.01)**
[25] EN
[54] **FUEL CELL EQUIPPED VEHICLE SYSTEM AND CONTROL METHOD FOR FUEL CELL EQUIPPED VEHICLE SYSTEM**
[54] **SYSTEME DE VEHICULE EQUIPE D'UNE PILE A COMBUSTIBLE, ET PROCEDE DE COMMANDE POUR SYSTEME DE VEHICULE EQUIPE D'UNE PILE A COMBUSTIBLE**
[72] SUZUKI, KENTA, JP
[72] KUMADA, MITSUNORI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-06-14
[86] 2016-11-10 (PCT/JP2016/083430)
[87] (WO2017/104319)
[30] JP (2015-243954) 2015-12-15

---

[21] **3,008,593**
[13] A1
[51] **Int.Cl. H01M 8/0202 (2016.01) C25D 5/16 (2006.01) C25D 5/26 (2006.01) C25D 7/00 (2006.01) C25D 11/34 (2006.01) C25F 3/06 (2006.01) H01M 8/10 (2016.01)**
[25] EN
[54] **STAINLESS STEEL SHEET FOR FUEL CELL SEPARATORS AND METHOD FOR PRODUCING THE SAME**
[54] **TOLE D'ACIER INOXYDABLE POUR SEPARATEURS DE PILE A COMBUSTIBLE ET SON PROCEDE DE PRODUCTION**
[72] YANO, TAKAYOSHI, JP
[72] ISHIKAWA, SHIN, JP
[72] KAMI, CHIKARA, JP
[71] JFE STEEL CORPORATION, JP
[85] 2018-06-14
[86] 2016-12-15 (PCT/JP2016/087451)
[87] (WO2017/110656)
[30] JP (2015-252293) 2015-12-24

---

[21] **3,008,594**
[13] A1
[51] **Int.Cl. G08B 13/196 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **SETTING ASSISTANCE DEVICE, SETTING ASSISTANCE METHOD, AND PROGRAM RECORDING MEDIUM**
[54] **DISPOSITIF DE DETECTION D'INTRUSION, DISPOSITIF D'AIDE AU REGLAGE, PROCEDE DE DETECTION D'INTRUSION, PROCEDE D'AIDE AU REGLAGE, ET SUPPORT D'ENREGISTREMENT DE PROGRAMME**
[72] HIRAKAWA, YASUFUMI, JP
[71] NEC CORPORATION, JP
[85] 2018-06-14
[86] 2016-12-16 (PCT/JP2016/087649)
[87] (WO2017/104835)
[30] JP (2015-245497) 2015-12-16

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[21] **3,008,595**
[13] A1
[51] **Int.Cl. G02F 1/15 (2006.01)**
[25] EN
[54] **ELECTROCHROMIC APPARATUS**
[54] **APPAREIL ELECTROCHROMIQUE**
[72] TAKEUCHI, KOHJI, JP
[72] YASHIRO, TOHRU, JP
[72] MATSUMOTO, TAKAHIKO, JP
[72] KIM, SUKCHAN, JP
[72] GOTO, SHUN, JP
[72] YUTANI, KEIICHIROH, JP
[72] YAGINUMA, HIDEKAZU, JP
[72] OHSHIMA, ATSUSHI, JP
[71] RICOH COMPANY, LTD., JP
[85] 2018-06-14
[86] 2016-12-05 (PCT/JP2016/086065)
[87] (WO2017/104466)
[30] JP (2015-244240) 2015-12-15

[21] **3,008,596**
[13] A1
[51] **Int.Cl. H01M 8/04228 (2016.01) H01M 8/04303 (2016.01) H01M 8/10 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM AND CONTROLLING METHOD OF THEM**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET SON PROCEDE DE COMMANDE**
[72] YAGUCHI, TATSUYA, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-06-14
[86] 2016-09-26 (PCT/JP2016/078218)
[87] (WO2017/104211)
[30] JP (2015-244172) 2015-12-15

---

[21] **3,008,597**
[13] A1
[51] **Int.Cl. A63F 1/06 (2006.01)**
[25] EN
[54] **SYSTEM FOR MANAGING TABLE GAME AND CARTON FOR DISCARD**
[54] **SYSTEME DE GESTION DE JEU DE TABLE ET CARTON DE REBUT**
[72] SHIGETA, YASUSHI, JP
[71] ANGEL PLAYING CARDS CO., LTD., JP
[85] 2018-06-14
[86] 2016-12-09 (PCT/JP2016/086813)
[87] (WO2017/104582)
[30] JP (2015-257794) 2015-12-15

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[21] **3,008,599**
[13] A1
[51] **Int.Cl. F16K 11/085 (2006.01) F16K 31/68 (2006.01)**
[25] EN
[54] **VALVE DEVICE WITH FAIL-SAFE MECHANISM**
[54] **DISPOSITIF DE VANNE DOTE DE MECANISME A SECURITE INTEGREE**
[72] MOROTA, JUNICHI, JP
[72] SUDA, HIROSHI, JP
[71] NIPPON THERMOSTAT CO., LTD., JP
[85] 2018-06-14
[86] 2016-10-05 (PCT/JP2016/079585)
[87] (WO2017/130468)
[30] JP (2016-014996) 2016-01-29

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[21] **3,008,601**
[13] A1
[51] **Int.Cl. B01J 13/16 (2006.01) G02B 1/10 (2015.01) G02B 5/23 (2006.01) G03C 1/72 (2006.01)**
[25] EN
[54] **NANOEMULSION OPTICAL MATERIALS**
[54] **NANOEMULSION DE MATERIAUX OPTIQUES**
[72] ROSCINI, CLAUDIO, US
[72] TORRES-PIERNA, HECTOR, US
[72] RUIZ-MOLINA, DANIEL, US
[71] INDIZEN OPTICAL TECHNOLOGIES OF AMERICA, LLC, US
[85] 2018-06-14
[86] 2016-11-04 (PCT/US2016/060644)
[87] (WO2017/105666)
[30] US (14/968,586) 2015-12-14

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[21] **3,008,602**
[13] A1
[51] **Int.Cl. E21B 7/06 (2006.01) E21B 41/00 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **AUTOMATED DIRECTIONAL DRILLING SYSTEM AND METHOD USING STEERABLE DRILLING MOTORS**
[54] **SYSTEME ET PROCEDE DE FORAGE DIRECTIONNEL AUTOMATISE UTILISANT DES MOTEURS DE FORAGE ORIENTABLES**
[72] DUPLANTIS, STEVEN, US
[72] LUI, KAM WING, US
[72] PENA, CESAR, US
[72] SWOBODA, JASON, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2018-06-04
[86] 2016-12-01 (PCT/US2016/064297)
[87] (WO2017/095974)
[30] US (62/263,195) 2015-12-04

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[21] **3,008,603**
[13] A1
[51] **Int.Cl. C10G 11/18 (2006.01)**
[25] EN
[54] **FLUID CATALYTIC CRACKING OF TIGHT OIL RESID**
[54] **CRAQUAGE CATALYTIQUE FLUIDE DE RESIDUS D'HUILES DE RESERVOIR COMPACT**
[72] COOPER, ASHLEY E., US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2018-06-14
[86] 2016-12-02 (PCT/US2016/064525)
[87] (WO2017/105871)
[30] US (62/268,585) 2015-12-17

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[21] **3,008,604**
[13] A1
[51] **Int.Cl. B64D 41/00 (2006.01) H02S 10/40 (2014.01) H02S 30/00 (2014.01) H02S 40/00 (2014.01) B64C 39/02 (2006.01)**
[25] EN
[54] **REMOTELY SUPPLIED POWER FOR UNMANNED AERIAL VEHICLE**
[54] **PUISSANCE FOURNIE A DISTANCE POUR VEHICULE AERIEN SANS PILOTE**
[72] LIU, ZHANG, US
[72] CHEN, CHIEN-CHUNG, US
[71] FACEBOOK, INC., US
[85] 2018-06-14
[86] 2015-12-30 (PCT/US2015/068033)
[87] (WO2017/116432)
[30] US (14/982,648) 2015-12-29

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[21] **3,008,605**
[13] A1
[51] **Int.Cl. E21B 29/00 (2006.01) E21B 10/32 (2006.01)**
[25] EN
[54] **MILLS WITH SHEARABLE CUTTING MEMBERS FOR MILLING CASINGS IN WELLBORES**
[54] **FRAISE A ELEMENTS DE COUPE CISAILLABLES POUR LE FRAISAGE DE TUBAGES DANS DES PUITS DE FORAGE**
[72] HART, DANIEL R., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2018-06-14
[86] 2016-10-18 (PCT/US2016/057464)
[87] (WO2017/087111)
[30] US (14/947,543) 2015-11-20

[21] **3,008,606**
[13] A1
[51] **Int.Cl. H01M 2/34 (2006.01) H01M 10/613 (2014.01) H01M 10/653 (2014.01) H01M 10/654 (2014.01) H01M 10/6555 (2014.01)**
[25] EN
[54] **PASSIVE THERMAL MANAGEMENT SYSTEM FOR BATTERY**
[54] **SYSTEME DE GESTION THERMIQUE PASSIVE POUR BATTERIE**
[72] PINGREE, LIAM STEWART CAVANAUGH, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2018-06-14
[86] 2016-12-13 (PCT/US2016/066389)
[87] (WO2017/106195)
[30] US (14/975,253) 2015-12-18

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[21] **3,008,607**
[13] A1
[51] **Int.Cl. A61K 31/53 (2006.01) A61K 31/5383 (2006.01) A61K 31/542 (2006.01) A61K 31/661 (2006.01) A61K 31/6615 (2006.01) A61K 39/395 (2006.01) A61K 45/00 (2006.01) A61P 31/16 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **A MEDICAMENT FOR TREATING INFLUENZA CHARACTERIZED BY COMBINING A CAP-DEPENDANT ENDONUCLEASE INHIBITOR AND AN ANTI-INFLUENZA DRUG**
[54] **MEDICAMENT POUR TRAITER LA GRIPPE CARACTERISE EN CE QU'IL COMPREND UNE COMBINAISON D'UN INHIBITEUR D'ENDONUCLEASE COIFFE-DEPENDANTE AVEC UN MEDICAMENT ANTIGRIPPAL**
[72] SHISHIDO, TAKAO, JP
[72] NOSHI, TAKESHI, JP
[72] YAMAMOTO, ATSUKO, JP
[72] KITANO, MITSUTAKA, JP
[71] SHIONOGI & CO., LTD., JP
[85] 2018-06-14
[86] 2016-12-14 (PCT/JP2016/087170)
[87] (WO2017/104691)
[30] JP (2015-244492) 2015-12-15

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[21] **3,008,608**
[13] A1
[51] **Int.Cl. A61M 5/152 (2006.01) A61M 5/168 (2006.01)**
[25] EN
[54] **INFUSION PUMP WITH ELONGATION SENSOR**
[54] **POMPE DE PERFUSION AVEC CAPTEUR D'ALLONGEMENT**
[72] HSU, KENNETH C., US
[72] KHALAJ, STEVE SAEED, US
[72] JUN, PAUL D., US
[72] ROTELLA, JOHN A., US
[72] SHIPPY, JAMES LEE, III, US
[71] AVENT, INC., US
[85] 2018-06-14
[86] 2016-12-15 (PCT/US2016/066764)
[87] (WO2017/106408)
[30] US (62/268,612) 2015-12-17

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[21] **3,008,609**
[13] A1
[51] **Int.Cl. G06Q 50/26 (2012.01) H04M 3/493 (2006.01) H04M 3/51 (2006.01)**
[25] EN
[54] **LOCATOR DIAGNOSTIC FOR EMERGENCY DISPATCH**
[54] **DIAGNOSTIC DE LOCALISATEUR POUR UNE REPARTITION D'URGENCE**
[72] CLAWSON, JEFFREY J., US
[71] CLAWSON, JEFFREY J., US
[85] 2018-06-14
[86] 2016-12-02 (PCT/US2016/064719)
[87] (WO2017/112392)
[30] US (14/757,797) 2015-12-23

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[21] **3,008,610**
[13] A1
[51] **Int.Cl. A63B 71/06 (2006.01)**
[25] EN
[54] **EXERCISE SYSTEMS, METHODS, AND APPARATUSES CONFIGURED FOR EVALUATING MUSCULAR ACTIVITY OF USERS DURING PHYSICAL EXERCISE AND/OR PROVIDING FEEDBACK TO USERS**
[54] **SYSTEMES D'EXERCICE, PROCEDES ET APPAREILS CONCUS POUR EVALUER UNE ACTIVITE MUSCULAIRE D'UTILISATEURS PENDANT L'EXERCICE PHYSIQUE ET/OU FOURNIR UN RETOUR D'INFORMATIONS A DES UTILISATEURS**
[72] YANEV, KOSTADIN DIMITROV, US
[72] YANEV, IVO KOSTADINOV, BG
[72] VASSILEV, ANGEL GEORGIEV, BG
[71] ACTIVBODY, INC., US
[85] 2018-06-14
[86] 2015-12-30 (PCT/US2015/068143)
[87] (WO2016/109719)
[30] US (14/588,257) 2014-12-31

[21] **3,008,611**
[13] A1
[51] **Int.Cl. C07D 285/08 (2006.01) A61K 31/4168 (2006.01) A61K 31/4178 (2006.01) A61K 31/4196 (2006.01) A61K 31/551 (2006.01) A61P 11/14 (2006.01) A61P 29/00 (2006.01) C07D 277/52 (2006.01) C07D 417/12 (2006.01)**
[25] EN
[54] **HYDROXYALKYLAMINE- AND HYDROXYCYCLOALKYLAMINE-SUBSTITUTED DIAMINE-ARYLSULFONAMIDE COMPOUNDS WITH SELECTIVE ACTIVITY IN VOLTAGE-GATED SODIUM CHANNELS**
[54] **COMPOSES DIAMINE-ARYLSULFONAMIDE A SUBSTITUTION HYDROXYALKYLAMINE ET HYDROXYCYCLOALKYLAMINE AVEC ACTIVITE SELECTIVE DES CANAUX SODIQUES SENSIBLES A LA TENSION**
[72] GRESHOCK, THOMAS J., US
[72] MULHEARN, JAMES, US
[72] ZHENG, JUNYING, US
[72] KIM, RONALD M., US
[72] ZHANG, TING, US
[72] ROECKER, ANTHONY J., US
[72] WON, WALTER, US
[72] NANTERMET, PHILIPPE, US
[72] ANAND, RAJAN, US
[72] ZHOU, GANG, US
[72] WANG, DEPING, US
[72] GUO, LIANGQIN, US
[71] MERCK SHARP & DOHME CORP., US
[85] 2018-06-14
[86] 2016-12-14 (PCT/US2016/066445)
[87] (WO2017/106226)
[30] US (62/269,327) 2015-12-18
[30] US (62/290,235) 2016-02-02
[30] US (62/420,956) 2016-11-11

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[21] **3,008,613**
[13] A1
[51] **Int.Cl. E03D 5/10 (2006.01) E03D 1/30 (2006.01) E03D 3/00 (2006.01) E03D 5/02 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD, AND APPARATUS FOR MONITORING RESTROOM APPLIANCES**
[54] **SYSTEME, PROCEDE ET APPAREIL POUR SURVEILLER DES APPAREILS SANITAIRES**
[72] BUSH, SHAWN D., US
[72] ALLARD, ROCK R., III, US
[72] ANDERSEN, BLAINE, US
[72] HARRISON, CHRISTOPHER R., US
[71] SDB IP HOLDINGS, LLC, US
[85] 2018-06-14
[86] 2016-12-15 (PCT/US2016/066831)
[87] (WO2017/106445)
[30] US (62/267,472) 2015-12-15
[30] US (15/232,105) 2016-08-09
[30] US (15/232,137) 2016-08-09
[30] US (15/377,233) 2016-12-13

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[21] **3,008,614**
[13] A1
[51] **Int.Cl. A61K 31/425 (2006.01) A61P 43/00 (2006.01) C07C 311/15 (2006.01)**
[25] EN
[54] **DIAMINO-ALKYLAMINO-LINKED ARYLSULFONAMIDE COMPOUNDS WITH SELECTIVE ACTIVITY IN VOLTAGE-GATED SODIUM CHANNELS**
[54] **COMPOSES D'ARYLSULFONAMIDE A LIAISONS DIAMINO-ALKYLAMINO AYANT UNE ACTIVITE SELECTIVE VIS-A-VIS DES CANAUX SODIQUES VOLTAGE-DEPENDANTS**
[72] GRESHOCK, THOMAS J., US
[72] MULHEARN, JAMES, US
[72] GUO, LIANGQIN, US
[72] ZHANG, TING, US
[72] WANG, DEPING, US
[72] KIM, RONALD M., US
[72] LAYTON, MARK E., US
[72] KELLY, MICHAEL J., III, US
[72] ANAND, RAJAN, US
[72] JIAN, TIANYING, US
[72] NANTERMET, PHILIPPE, US
[72] ROECKER, ANTHONY J., US
[72] WON, WALTER, US
[72] ZHOU, GANG, US
[71] MERCK SHARP & DOHME CORP., US
[85] 2018-06-14
[86] 2016-12-15 (PCT/US2016/066765)
[87] (WO2017/106409)
[30] US (62/269,648) 2015-12-18
[30] US (62/417,040) 2016-11-03
[30] US (62/422,182) 2016-11-15

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[21] **3,008,615**
[13] A1
[51] **Int.Cl. A01K 1/015 (2006.01) A01K 29/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR COOLING AN ANIMAL**
[54] **SYSTEMES ET PROCEDES POUR RAFRAICHIR UN ANIMAL**
[72] SCHINCKEL, ALLAN P., US
[72] STWALLEY, ROBERT MERTON, III, US
[71] PURDUE RESEARCH FOUNDATION, US
[85] 2018-06-14
[86] 2016-12-15 (PCT/US2016/066893)
[87] (WO2017/106475)
[30] US (62/268,066) 2015-12-16
[30] US (62/347,161) 2016-06-08

[21] **3,008,616**
[13] A1
[51] **Int.Cl. A23K 10/30 (2016.01) A23K 20/111 (2016.01) A23K 20/163 (2016.01) A23K 40/25 (2016.01) A23K 40/30 (2016.01) A23K 50/40 (2016.01) A23K 50/42 (2016.01)**
[25] EN
[54] **PET FOOD COMPOSITIONS**
[54] **COMPOSITIONS ALIMENTAIRES POUR ANIMAUX DE COMPAGNIE**
[72] JACKSON, MATTHEW, US
[72] JEWELL, DENNIS EDWARD, US
[71] HILL'S PET NUTRITION, INC., US
[85] 2018-06-14
[86] 2015-12-30 (PCT/US2015/068193)
[87] (WO2017/116449)

---

[21] **3,008,617**
[13] A1
[51] **Int.Cl. F01N 13/18 (2010.01) F01N 13/10 (2010.01) F01N 13/14 (2010.01) B60R 13/08 (2006.01) F02B 77/11 (2006.01)**
[25] EN
[54] **HEAT SHIELD WITH RETENTION FEATURE**
[54] **BOUCLIER THERMIQUE DOTE D'UNE FONCTIONNALITE DE RETENTION**
[72] MINARD, MICHAEL, US
[72] CUTSINGER, THOMAS, US
[71] LYDALL, INC., US
[85] 2018-06-14
[86] 2016-12-05 (PCT/US2016/064966)
[87] (WO2017/116617)
[30] US (62/271,609) 2015-12-28

---

[21] **3,008,618**
[13] A1
[51] **Int.Cl. F16M 11/10 (2006.01)**
[25] EN
[54] **ROTATING WALL MOUNT FOR DISPLAY DEVICE**
[54] **SUPPORT MURAL TOURNANT POUR DISPOSITIF D'AFFICHAGE**
[72] TRACHTENBERG, MARC, US
[72] GARIEPY, FRANCOIS, CA
[71] VIDERI INC., US
[71] TRACHTENBERG, MARC, US
[71] GARIEPY, FRANCOIS, CA
[85] 2018-06-14
[86] 2016-12-15 (PCT/US2016/066934)
[87] (WO2017/106502)
[30] US (14/970,097) 2015-12-15

---

[21] **3,008,619**
[13] A1
[51] **Int.Cl. G01V 1/40 (2006.01)**
[25] EN
[54] **SELF-TUNING SONIC TRANSMITTERS**
[54] **EMETTEURS ACOUSTIQUES AUTO-ACCORDABLES**
[72] COOPER, PAUL ANDREW, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-06-14
[86] 2016-02-22 (PCT/US2016/018943)
[87] (WO2017/146674)

---

[21] **3,008,620**
[13] A1
[51] **Int.Cl. H04N 21/436 (2011.01) B64C 39/02 (2006.01) B64D 47/08 (2006.01) G08C 17/02 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF CAPTURING AND DISTRIBUTING IMAGING CONTENT CAPTURED THROUGH UNMANNED AIRCRAFT SYSTEMS**
[54] **SYSTEMES ET PROCEDES DE CAPTURE ET DE DISTRIBUTION DE CONTENU D'IMAGERIE CAPTURE PAR DES SYSTEMES D'AERONEF SANS PILOTE**
[72] HIGH, DONALD R., US
[72] THOMPSON, JOHN P., US
[72] FENTON, TIMOTHY M., US
[72] RYE, ERIK, US
[71] WALMART APOLLO, LLC, US
[85] 2018-06-14
[86] 2016-12-14 (PCT/US2016/066491)
[87] (WO2017/106248)
[30] US (62/268,313) 2015-12-16

---

[21] **3,008,621**
[13] A1
[51] **Int.Cl. C07K 14/81 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **PEPTIDE QUANTITATION ASSAY FOR DIFFERENTIATING FULL-LENGTH HIGH MOLECULAR WEIGHT KININOGEN (HMWK) AND CLEAVED HMWK**
[54] **DOSAGE DE QUANTIFICATION DE PEPTIDES PERMETTANT DE DISTINGUER ENTRE UN KININOGENE DE MASSE MOLECULAIRE ELEVEE ET DE PLEINE LONGUEUR (HMWK) ET UN HMWK CLIVE**
[72] WU, JIANG, US
[72] ZHANG, GUODONG, US
[72] SEXTON, DANIEL J., US
[72] FAUCETTE, RYAN, US
[72] MUSTAFA, GUL M., US
[72] SZEWC, MARK, US
[71] DYAX CORP., US
[85] 2018-06-14
[86] 2016-12-15 (PCT/US2016/066936)
[87] (WO2017/106504)
[30] US (62/267,734) 2015-12-15

---

[21] **3,008,622**
[13] A1
[51] **Int.Cl. E21B 43/26 (2006.01) C09K 8/62 (2006.01) E21B 41/00 (2006.01) E21B 43/17 (2006.01)**
[25] EN
[54] **CROSS-FLOW BLENDER SYSTEM AND METHODS OF USE FOR WELL TREATMENT OPERATIONS**
[54] **SYSTEME DE MELANGEUR A ECOULEMENT TRANSVERSAL ET PROCEDES D'UTILISATION SERVANT A DES OPERATIONS DE TRAITEMENT DE PUITS**
[72] FISHER, CHAD ADAM, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-06-14
[86] 2016-03-23 (PCT/US2016/023789)
[87] (WO2017/164866)

[21] **3,008,623**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **DISTINGUISHING METHYLATION LEVELS IN COMPLEX BIOLOGICAL SAMPLES**
[54] **PROCEDE PERMETTANT DE DIFFERENCIER DES TAUX DE METHYLATION DANS DES ECHANTILLONS BIOLOGIQUES COMPLEXES**
[72] TOUNG, JONATHAN, US
[72] LIU, LI, US
[72] SHEN, MIN-JUI RICHARD, US
[72] ZHANG, RUOYU, US
[71] ILLUMINA, INC., US
[85] 2018-06-14
[86] 2016-12-15 (PCT/US2016/066901)
[87] (WO2017/106481)
[30] US (62/268,961) 2015-12-17
[30] US (62/401,591) 2016-09-29

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[21] **3,008,624**
[13] A1
[51] **Int.Cl. A63B 21/00 (2006.01) A47G 9/06 (2006.01) A63B 6/00 (2006.01)**
[25] EN
[54] **YOGA TOWEL**
[54] **SERVIETTE DE YOGA**
[72] CARTER, CHRISTI, AU
[71] CARTER, CHRISTI, AU
[85] 2018-06-14
[86] 2016-12-14 (PCT/US2016/066585)
[87] (WO2017/106297)
[30] US (62/266,825) 2015-12-14

---

[21] **3,008,625**
[13] A1
[51] **Int.Cl. C10M 135/30 (2006.01) C10M 159/22 (2006.01)**
[25] EN
[54] **PROTECTED MERCAPTOPHENOLS FOR LUBRICATING COMPOSITIONS**
[54] **MERCAPTO-PHENOLS PROTEGES POUR COMPOSITIONS LUBRIFIANTES**
[72] DURA, ROBERT D., US
[71] THE LUBRIZOL CORPORATION, US
[85] 2018-06-14
[86] 2016-12-07 (PCT/US2016/065287)
[87] (WO2017/105951)
[30] US (62/268,753) 2015-12-17

---

[21] **3,008,627**
[13] A1
[51] **Int.Cl. A47K 13/06 (2006.01)**
[25] EN
[54] **NON-SLIP TOILET TRAINING DEVICES**
[54] **DISPOSITIFS ANTIDERAPANTS POUR L'APPRENTISSAGE DE LA PROPRETE**
[72] FANG, RUTH, HSIN-JU, US
[72] BIRKERT, THOMAS E., US
[72] RODRIGUEZ, SHIRLEY, US
[71] MUNCHKIN, INC., US
[85] 2018-06-14
[86] 2016-12-14 (PCT/US2016/066734)
[87] (WO2017/106391)
[30] US (62/267,167) 2015-12-14

---

[21] **3,008,628**
[13] A1
[51] **Int.Cl. A61K 31/4985 (2006.01) A61K 9/28 (2006.01) A61K 31/167 (2006.01) A61K 31/437 (2006.01) A61K 45/06 (2006.01)**
[25] EN
[54] **COMPOSITION FOR REDUCING FREQUENCY OF URINATION, METHOD OF MAKING AND USE THEREOF**
[54] **COMPOSITION POUR REDUIRE LA FREQUENCE DE LA MICTION, SON PROCEDE DE FABRICATION ET D'UTILISATION**
[72] DILL, DAVID A., US
[71] WELLESLEY PHARMACEUTICALS, LLC, US
[85] 2018-06-14
[86] 2016-12-09 (PCT/US2016/065775)
[87] (WO2017/106032)
[30] US (14/975,332) 2015-12-18

---

[21] **3,008,629**
[13] A1
[51] **Int.Cl. A61B 5/145 (2006.01) A61B 5/1486 (2006.01) A61B 5/1495 (2006.01) A61B 5/053 (2006.01)**
[25] EN
[54] **METHODS FOR CONTINUOUS GLUCOSE MONITORING**
[54] **PROCEDES DE SURVEILLANCE CONTINUE DU GLUCOSE**
[72] NOGUEIRA, KEITH, US
[72] ENGEL, TALY G., US
[72] LI, XIAOLONG, US
[72] LIANG, BRADLEY C., US
[72] SHAH, RAJIV, US
[72] LIU, MIKE C., US
[72] TSAI, ANDY Y., US
[72] KIM, JAEHO, US
[72] VARSAVSKY, ANDREA, US
[72] YU, FEI, US
[72] GAUTHAM, RAGHAVENDHAR, US
[72] NISHIDA, JEFFREY, US
[71] MEDTRONIC MINIMED, INC., US
[85] 2018-06-14
[86] 2016-07-22 (PCT/US2016/043512)
[87] (WO2017/116503)
[30] US (14/980,152) 2015-12-28
[30] US (14/980,185) 2015-12-28
[30] US (14/980,205) 2015-12-28
[30] US (14/980,241) 2015-12-28

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[21] **3,008,630**
[13] A1
[51] **Int.Cl. C07D 413/14 (2006.01) A61K 31/513 (2006.01) A61P 9/00 (2006.01) C07D 403/04 (2006.01) C07D 413/04 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **HETEROARYLHYDROXYPYRIMIDINONES AS AGONISTS OF THE APJ RECEPTOR**
[54] **HETEROARYLHYDROXYPYRIMIDINONES EN TANT QU'AGONISTES DU RECEPTEUR APJ**
[72] MYERS, MICHAEL C., US
[72] LAWRENCE, R. MICHAEL, US
[72] BILDER, DONNA M., US
[72] MENG, WEI, US
[72] PI, ZULAN, US
[72] BRIGANCE, ROBERT PAUL, US
[72] FINLAY, HEATHER, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2018-06-14
[86] 2016-12-15 (PCT/US2016/066750)
[87] (WO2017/106396)
[30] US (62/267,997) 2015-12-16

[21] **3,008,632**
[13] A1
[51] **Int.Cl. A63F 9/24 (2006.01) G07F 17/32 (2006.01) G07F 17/34 (2006.01)**
[25] EN
[54] **ELECTRONIC GAMING DEVICE WITH EXTERNAL LIGHTING AND CALL TOWER FUNCTIONALITY**
[54] **DISPOSITIF DE JEU ELECTRONIQUE DOTE D'UNE FONCTIONNALITE DE TOUR D'APPEL ET D'ECLAIRAGE EXTERNE**
[72] LEE, SIGMUND, US
[72] ZEDELL, KARL, JR., US
[72] CALHOUN, RACHEL, US
[72] SCOTT, IAN, US
[71] AGS LLC, US
[85] 2018-06-14
[86] 2016-12-15 (PCT/US2016/066904)
[87] (WO2017/106483)
[30] US (14/972,434) 2015-12-17
[30] US (14/973,876) 2015-12-18

---

[21] **3,008,633**
[13] A1
[51] **Int.Cl. B01D 11/02 (2006.01)**
[25] EN
[54] **EXTRACTION SYSTEM AND PROCESS FOR REMOVAL OF CONTAMINANTS FROM SOLID MATERIALS**
[54] **SYSTEME ET PROCEDE D'EXTRACTION POUR L'ELIMINATION DE CONTAMINANTS DE MATERIAUX SOLIDES**
[72] HARRINGTON, PATRICK WAYNE, US
[72] CAPP, KEVIN WILLIAM, US
[71] CROWN IRON WORKS COMPANY, US
[85] 2018-06-14
[86] 2016-12-16 (PCT/US2016/067316)
[87] (WO2017/106741)
[30] US (62/268,713) 2015-12-17

---

[21] **3,008,635**
[13] A1
[51] **Int.Cl. B29C 70/54 (2006.01) B29B 13/02 (2006.01) B29C 47/10 (2006.01) B29C 70/48 (2006.01)**
[25] EN
[54] **RESIN INFUSION PROCESS FOR MANUFACTURING FIBER-REINFORCED COMPOSITES**
[54] **PROCEDE D'INFUSION DE RESINE POUR LA FABRICATION DE COMPOSITES RENFORCES PAR DES FIBRES**
[72] MEEGAN, JONATHAN EDWARD, GB
[72] SMITH, MICHAEL ALEXANDER, US
[72] ROGERS, SCOTT ALFRED, US
[72] ROSE, JEFFREY JON, US
[71] CYTEC INDUSTRIES INC., US
[85] 2018-06-14
[86] 2016-12-15 (PCT/US2016/067011)
[87] (WO2017/106550)
[30] US (62/267,947) 2015-12-16

---

[21] **3,008,636**
[13] A1
[51] **Int.Cl. A23P 10/30 (2016.01) A23P 10/00 (2016.01) A61K 47/00 (2006.01) A61K 47/26 (2006.01) A61K 47/36 (2006.01)**
[25] EN
[54] **HIGH INTEGRITY ENCAPSULATION PRODUCT**
[54] **PRODUIT D'ENCAPSULATION A HAUTE INTEGRITE**
[72] ZASYPKIN, DMITRIY, US
[72] PARANJPE, SHRIRAM, US
[72] REICK, MICHAEL, US
[72] SHEN, CHUNGSEA, US
[71] MCCORMICK & COMPANY, INCORPORATED, US
[85] 2018-06-14
[86] 2016-12-21 (PCT/US2016/068009)
[87] (WO2017/112763)
[30] US (62/270,797) 2015-12-22

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[21] **3,008,637**
[13] A1
[51] **Int.Cl. A61K 31/439 (2006.01) A61K 31/165 (2006.01) A61K 31/444 (2006.01)**
[25] EN
[54] **COMBINATIONS OF OPIOID RECEPTOR LIGANDS AND CYTOCHROME P450 INHIBITORS**
[54] **COMBINAISONS DE LIGANDS DE RECEPTEURS OPIOIDES ET D'INHIBITEURS DU CYTOCHROME P450**
[72] VIOLIN, JONATHAN D., US
[72] SOERGEL, DAVID G., US
[71] TREVENA, INC., US
[85] 2018-06-14
[86] 2016-12-15 (PCT/US2016/067006)
[87] (WO2017/106547)
[30] US (62/268,874) 2015-12-17

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[21] **3,008,638**
[13] A1
[51] **Int.Cl. A61B 5/053 (2006.01) A61B 5/00 (2006.01) A61B 5/145 (2006.01)**
[25] EN
[54] **METHODS, SYSTEMS, AND DEVICES FOR SENSOR FUSION**
[54] **PROCEDES, SYSTEMES, ET DISPOSITIFS DE FUSION DE CAPTEUR**
[72] VARSAVSKY, ANDREA, US
[72] LU, YUNFENG, US
[72] MUNG, JAY, US
[71] MEDTRONIC MINIMED, INC., US
[85] 2018-06-14
[86] 2016-07-22 (PCT/US2016/043573)
[87] (WO2017/116504)
[30] US (14/980,260) 2015-12-28

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[21] **3,008,640**
[13] A1
[51] **Int.Cl. A61B 5/145 (2006.01) A61B 5/053 (2006.01) A61B 5/1495 (2006.01)**
[25] EN
[54] **RETROSPECTIVE SENSOR CALIBRATION METHODS**
[54] **PROCEDES D'ETALONNAGE RETROSPECTIF DE CAPTEUR**
[72] NOGUEIRA, KEITH, US
[72] ENGEL, TALY G., US
[72] GROSMAN, BENYAMIN, US
[72] LI, XIAOLONG, US
[72] LIANG, BRADLEY C., US
[72] SHAH, RAJIV, US
[72] LIU, MIKE C., US
[72] TSAI, ANDY Y., US
[72] VARSAVSKY, ANDREA, US
[72] NISHIDA, JEFFREY, US
[71] MEDTRONIC MINIMED, INC., US
[85] 2018-06-14
[86] 2016-07-22 (PCT/US2016/043599)
[87] (WO2017/116505)
[30] US (14/980,293) 2015-12-28

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[21] **3,008,641**
[13] A1
[51] **Int.Cl. A61K 9/10 (2006.01) A61K 35/15 (2015.01) A61K 39/00 (2006.01) A61K 39/39 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **NEOANTIGEN IDENTIFICATION, MANUFACTURE, AND USE**
[54] **IDENTIFICATION DE NEOGENES, FABRICATION ET UTILISATION**
[72] YELENSKY, ROMAN, US
[72] DERTI, ADNAN, US
[72] BULIK-SULLIVAN, BRENDAN, US
[72] BUSBY, JENNIFER, US
[71] GRITSTONE ONCOLOGY, INC., US
[85] 2018-06-14
[86] 2016-12-16 (PCT/US2016/067159)
[87] (WO2017/106638)
[30] US (62/268,333) 2015-12-16
[30] US (62/317,823) 2016-04-04
[30] US (62/379,986) 2016-08-26
[30] US (62/394,074) 2016-09-13
[30] US (62/425,995) 2016-11-23

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[21] **3,008,642**
[13] A1
[51] **Int.Cl. E02D 29/12 (2006.01)**
[25] EN
[54] **ADAPTER**
[54] **ADAPTATEUR**
[72] STRAND, EIRIK, NO
[71] SEMA INVEST AS, NO
[85] 2018-06-14
[86] 2016-12-23 (PCT/NO2016/050269)
[87] (WO2017/111615)
[30] NO (20151788) 2015-12-23

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[21] **3,008,644**
[13] A1
[51] **Int.Cl. G06Q 40/00 (2012.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SELECTING AND TRANSMITTING INFORMATION AND EDUCATIONAL CONTENT**
[54] **SYSTEMES ET PROCEDES DE SELECTION ET DE TRANSMISSION D'INFORMATIONS ET DE CONTENU EDUCATIF**
[72] KOROLAK, RHONDALYNN, AU
[71] BUSINEST PTY LTD, AU
[85] 2018-06-15
[86] 2016-12-15 (PCT/AU2016/051237)
[87] (WO2017/100848)
[30] US (62/268,581) 2015-12-17

---

[21] **3,008,645**
[13] A1
[51] **Int.Cl. C07K 16/00 (2006.01)**
[25] EN
[54] **C-TERMINAL LYSINE CONJUGATED IMMUNOGLOBULINS**
[54] **IMMUNOGLOBULINES CONJUGUEES A LA LYSINE C-TERMINALE**
[72] SPIDEL, JARED, US
[72] ALBONE, EARL, US
[71] EISAI R&D MANAGEMENT CO., LTD., JP
[85] 2018-06-14
[86] 2016-12-16 (PCT/US2016/067165)
[87] (WO2017/106643)
[30] US (62/269,138) 2015-12-18

---

[21] **3,008,646**
[13] A1
[51] **Int.Cl. A61K 38/00 (2006.01) C07K 14/435 (2006.01) C07K 19/00 (2006.01) C12N 15/09 (2006.01)**
[25] EN
[54] **SYNTHETIC LUNG SURFACTANT WITH ENHANCED STABILITY AND EFFECTIVENESS**
[54] **SURFACTANT PULMONAIRE SYNTHETIQUE A STABILITE ET EFFICACITE AUGMENTEES**
[72] WALTHER, FRANS J., US
[72] WARING, ALAN J., US
[72] GORDON, LARRY M., US
[71] LOS ANGELES BIOMEDICAL RESEARCH INSTITUTE AT HARBOR-UCLA MEDICAL CENTER, US
[85] 2018-06-14
[86] 2016-12-16 (PCT/US2016/067317)
[87] (WO2017/106742)
[30] US (62/268,800) 2015-12-17

---

[21] **3,008,647**
[13] A1
[51] **Int.Cl. A61B 5/145 (2006.01) A61B 5/053 (2006.01) A61B 5/1495 (2006.01)**
[25] EN
[54] **SENSOR-UNSPECIFIC CALIBRATION METHODS AND SYSTEMS**
[54] **PROCEDES ET SYSTEMES D'ETALONNAGE NON-SPECIFIQUE A UN CAPTEUR**
[72] VARSAVSKY, ANDREA, US
[72] MUNG, JAY, US
[72] LU, YUNFENG, US
[72] KORJANI, MOHAMMAD MEHDI, US
[71] MEDTRONIC MINIMED, INC., US
[85] 2018-06-14
[86] 2016-07-22 (PCT/US2016/043620)
[87] (WO2017/116506)
[30] US (14/980,114) 2015-12-28

[21] **3,008,649**
[13] A1
[51] **Int.Cl. A61B 5/01 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING INFLAMMATION IN A FOOT**
[54] **SYSTEME ET PROCEDE DE DETECTION D'INFLAMMATION AU NIVEAU D'UN PIED**
[72] MA, RAN, US
[72] FU, JIE, US
[72] SCHOLTEN, HENK JAN, US
[71] SIREN CARE, INC., US
[85] 2018-06-14
[86] 2016-12-16 (PCT/US2016/067344)
[87] (WO2017/106760)
[30] US (62/268,295) 2015-12-16
[30] US (62/400,440) 2016-09-27

---

[21] **3,008,650**
[13] A1
[51] **Int.Cl. H01Q 1/44 (2006.01)**
[25] EN
[54] **RADIO-FREQUENCY LOCALIZATION TECHNIQUES AND ASSOCIATED SYSTEMS, DEVICES, AND METHODS**
[54] **TECHNIQUES DE LOCALISATION RADIOFREQUENCE AINSI QUE SYSTEMES, DISPOSITIFS ET PROCEDES ASSOCIES**
[72] CHARVAT, GREGORY L., US
[72] LEE, THOMAS H., US
[72] MINDELL, DAVID A., US
[71] HUMATICS CORPORATION, US
[85] 2018-06-14
[86] 2016-12-16 (PCT/US2016/067265)
[87] (WO2017/106709)
[30] US (62/268,745) 2015-12-17
[30] US (62/268,741) 2015-12-17
[30] US (62/275,400) 2016-01-06
[30] US (62/306,478) 2016-03-10
[30] US (62/306,483) 2016-03-10
[30] US (62/306,469) 2016-03-10

---

[21] **3,008,651**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01) G06F 19/10 (2011.01) C12M 1/34 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **METHODS TO DETERMINE TUMOR GENE COPY NUMBER BY ANALYSIS OF CELL-FREE DNA**
[54] **PROCEDES DE DETERMINATION DU NOMBRE DE COPIES DU GENE TUMORAL PAR ANALYSE D'ADN ACELLULAIRE**
[72] ELTOUKHY, HELMY, US
[72] TALASAZ, AMIRALI, US
[72] CHUDOVA, DARYA, US
[72] ABDUEVA, DIANA, US
[71] GUARDANT HEALTH, INC., US
[85] 2018-06-14
[86] 2016-12-16 (PCT/US2016/067356)
[87] (WO2017/106768)
[30] US (62/269,051) 2015-12-17

---

[21] **3,008,652**
[13] A1
[51] **Int.Cl. H01M 6/14 (2006.01) B01D 53/40 (2006.01)**
[25] EN
[54] **ACID GAS REGENERABLE BATTERY**
[54] **BATTERIE POUVANT ETRE REGENEREE AU GAZ ACIDE**
[72] FERON, PAUL HUBERT MARIA, AU
[72] BENNETT, ROBERT, AU
[72] HOLLENKAMP, ANTHONY FRANK, AU
[72] LI, KANGKANG, AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[85] 2018-06-15
[86] 2016-12-19 (PCT/AU2016/051260)
[87] (WO2017/100867)
[30] AU (2015905242) 2015-12-17

---

[21] **3,008,653**
[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/506 (2006.01)**
[25] EN
[54] **BRUTON'S TYROSINE KINASE INHIBITORS**
[54] **INHIBITEURS DE LA TYROSINE KINASE DE BRUTON**
[72] LIAO, XIBIN, US
[72] LI, JIA, CN
[72] LU, ZHIJIAN, US
[72] ZHOU, YUBO, CN
[72] GAO, ANHUI, CN
[71] ZIBO BIOPOLAR CHANGSHENG PHARMACEUTICAL CO. LTD., CN
[71] SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES, CN
[85] 2018-06-14
[86] 2016-10-03 (PCT/US2016/055096)
[87] (WO2017/066014)
[30] US (62/241,184) 2015-10-14

---

[21] **3,008,654**
[13] A1
[51] **Int.Cl. E21B 43/34 (2006.01) E21B 34/06 (2006.01) E21B 43/12 (2006.01) E21B 43/38 (2006.01)**
[25] EN
[54] **SYSTEMS AND APPARATUSES FOR SEPARATING WELLBORE FLUIDS AND SOLIDS DURING PRODUCTION**
[54] **SYSTEMES ET APPAREILS POUR LA SEPARATION DE FLUIDES ET DE SOLIDES DE PUITS DE FORAGE PENDANT LA PRODUCTION**
[72] SAPONJA, JEFFREY CHARLES, CA
[72] HARI, ROBBIE SINGH, CA
[72] DEUGO, SHAWN, CA
[71] HEAL SYSTEMS LP, CA
[85] 2018-06-15
[86] 2016-12-19 (PCT/CA2016/000319)
[87] (WO2017/100905)
[30] US (62/269,234) 2015-12-18

[21] **3,008,655**
[13] A1
[51] **Int.Cl. F24F 13/06 (2006.01) F24F 13/20 (2006.01)**
[25] EN
[54] **REGISTER ASSEMBLY**
[54] **ENSEMBLE REGISTRE**
[72] MANTENUTO, PAOLO, CA
[71] MARBLE AND MARBLE LTD., CA
[85] 2018-06-15
[86] 2016-06-15 (PCT/CA2016/050687)
[87] (WO2017/214697)

---

[21] **3,008,656**
[13] A1
[51] **Int.Cl. G02C 5/20 (2006.01)**
[25] EN
[54] **SLIP-RESISTANT EYEWEAR SYSTEM**
[54] **SYSTEME DE LUNETTES ANTIDERAPANTES**
[72] LOO, KENT CHILL, US
[72] VELASQUEZ, JOSEPH PEPE ELIJIO, US
[72] FULBRIGHT, ROBERT JAMES, US
[71] LOOLOOPS, LLC, US
[85] 2018-06-14
[86] 2016-10-28 (PCT/US2016/059586)
[87] (WO2017/105647)
[30] US (62/267,558) 2015-12-15
[30] US (15/263,266) 2016-09-12

---

[21] **3,008,657**
[13] A1
[51] **Int.Cl. B32B 27/08 (2006.01) B32B 1/08 (2006.01) B32B 27/18 (2006.01) B32B 27/26 (2006.01) B32B 27/32 (2006.01) F16L 11/04 (2006.01)**
[25] EN
[54] **A LAYERED TUBE AND LAYER FOR USE IN SAME**
[54] **TUBE A COUCHES ET COUCHE DESTINEE A ETRE UTILISEE DANS CELUI-CI**
[72] PROOF, JOSEPH DAVID, US
[71] AGC CHEMICALS AMERICAS INC., US
[85] 2018-06-14
[86] 2016-12-15 (PCT/US2016/066905)
[87] (WO2017/106484)
[30] US (62/267,474) 2015-12-15

---

[21] **3,008,658**
[13] A1
[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/34 (2006.01)**
[25] EN
[54] **SYRINGES WITH RETRACTABLE NEEDLE**
[54] **SERINGUES DOTEES D'UNE AIGUILLE RETRACTABLE**
[72] MOLSON, CATHERINE REISENBURG, CA
[72] JACKSON, JAMES, CA
[72] PHILLIPS, SCOTT HOWARD, CA
[72] CUMMINGS, TIMOTHY, CA
[71] IINJEC TECHNOLOGIES INC. / LES TECHNOLOGIES IINJEC INC., CA
[85] 2018-06-15
[86] 2016-12-15 (PCT/CA2016/051481)
[87] (WO2017/100926)
[30] US (62/267,351) 2015-12-15

---

[21] **3,008,659**
[13] A1
[51] **Int.Cl. H05B 6/06 (2006.01) B23K 13/01 (2006.01) H02M 7/12 (2006.01) H05B 6/10 (2006.01)**
[25] EN
[54] **HIGH FREQUENCY POWER SUPPLY SYSTEM WITH CLOSELY REGULATED OUTPUT FOR HEATING A WORKPIECE**
[54] **SYSTEME D'ALIMENTATION ELECTRIQUE HAUTE FREQUENCE A DEBIT ETROITEMENT REGULE POUR CHAUFFER UNE PIECE**
[72] IGNATOWSKI, THOMAS G., US
[72] NALLEN, MICHAEL A., US
[72] FRAME, LESLEY D., US
[71] THERMATOOL CORP., US
[85] 2018-06-14
[86] 2016-12-22 (PCT/US2016/068284)
[87] (WO2017/112858)
[30] US (62/270,952) 2015-12-22

---

[21] **3,008,660**
[13] A1
[51] **Int.Cl. B03C 1/00 (2006.01) C07K 1/22 (2006.01) C12N 15/10 (2006.01)**
[25] EN
[54] **MULTIFUNCTIONAL BIOLOGICAL SUBSTANCE SEPARATION DEVICE**
[54] **DISPOSITIF DE SEPARATION DE SUBSTANCES BIOLOGIQUES MULTIFONCTION**
[72] YANG, GUISHENG, CA
[72] YANG, JUNSEN, CN
[71] SHANXI ZDGSY BIO-SCIENTIFIC CO., LTD., CN
[71] SHANXI UNIVERSITY OF CHINESE MEDICINE, AF
[85] 2018-06-15
[86] 2016-08-05 (PCT/CA2016/000204)
[87] (WO2017/139864)
[30] CN (201610033982.3) 2016-01-19
[30] CN (201610034026.7) 2016-01-19
[30] CN (201620049624.7) 2016-01-19

---

[21] **3,008,661**
[13] A1
[51] **Int.Cl. H01J 19/16 (2006.01) H02M 7/48 (2007.01)**
[25] EN
[54] **HIGH FREQUENCY POWER SUPPLY SYSTEM WITH CLOSELY REGULATED OUTPUT FOR HEATING A WORKPIECE**
[54] **SYSTEME D'ALIMENTATION HAUTE-FREQUENCE A SORTIE ETROITEMENT REGULEE POUR CHAUFFER UNE PIECE**
[72] IGNATOWSKI, THOMAS G., US
[72] NALLEN, MICHAEL A., US
[72] FRAME, LESLEY D., US
[71] THERMATOOL CORP., US
[85] 2018-06-14
[86] 2016-12-22 (PCT/US2016/068326)
[87] (WO2017/112872)
[30] US (62/270,880) 2015-12-22

[21] **3,008,662**
[13] A1
[51] **Int.Cl. C08F 210/06 (2006.01) C08L 23/14 (2006.01)**
[25] EN
[54] **CLEAR AND IMPACT RESISTANT POLYMER COMPOSITION AND FABRICATED ARTICLE**
[54] **COMPOSITION POLYMERE TRANSPARENTE ET RESISTANTE AUX CHOCS ET ARTICLE FABRIQUE**
[72] BOCKMAN, LESLIE, US
[72] CARNEVALE, ELLIOT, US
[72] LARSON, JON SCOTT, US
[72] HERRINGTON, KEVIN, US
[71] BRASKEM AMERICA, INC., US
[85] 2018-06-14
[86] 2016-12-23 (PCT/US2016/068533)
[87] (WO2017/117054)
[30] US (62/273,085) 2015-12-30

---

[21] **3,008,663**
[13] A1
[51] **Int.Cl. A61K 31/00 (2006.01) A61K 31/416 (2006.01) A61P 35/00 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **COMBINATIONS FOR THE TREATMENT OF CANCER**
[54] **COMBINAISONS POUR LE TRAITEMENT DU CANCER**
[72] LI, GANG, US
[72] WEI, GE, US
[72] HORNBY, ZACHARY D., US
[72] LIM, JONATHAN EE-REN, US
[71] IGNYTA, INC., US
[85] 2018-06-14
[86] 2016-12-15 (PCT/US2016/066919)
[87] (WO2017/106492)
[30] US (62/269,805) 2015-12-18
[30] US (62/428,498) 2016-11-30

---

[21] **3,008,664**
[13] A1
[51] **Int.Cl. C12N 15/70 (2006.01) C12N 15/63 (2006.01) C12N 15/64 (2006.01) C12N 15/79 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR AUTOINDUCTION OF PROTEIN EXPRESSION**
[54] **PROCEDES ET SYSTEMES D'AUTO-INDUCTION D'EXPRESSION DE PROTEINES**
[72] DU, FANGYONG, CN
[72] LUO, PETER PEIZHI, CN
[71] ADAGENE INC., KY
[85] 2018-06-15
[86] 2014-12-19 (PCT/CN2014/094388)
[87] (WO2016/095211)

---

[21] **3,008,665**
[13] A1
[51] **Int.Cl. C07K 7/06 (2006.01) A61K 38/08 (2006.01) A61K 38/10 (2006.01) A61K 38/17 (2006.01) A61K 39/395 (2006.01) A61P 25/00 (2006.01) C07K 7/08 (2006.01) C07K 14/47 (2006.01) C07K 16/18 (2006.01) C07K 16/28 (2006.01) C07K 14/705 (2006.01)**
[25] EN
[54] **CELL-PERMEABLE INHIBITORY AGENT AND METHODS OF USE THEREOF IN TREATMENT OF COGNITIVE AND MOOD DISORDERS**
[54] **AGENT INHIBITEUR PERMEABLE AUX CELLULES ET PROCEDES D'UTILISATION DE CELUI-CI DANS LE TRAITEMENT DE TROUBLES COGNITIFS ET DE L'HUMEUR**
[72] LEI, GANG, CA
[72] ORSER, BEVERLEY ANNE, CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[85] 2018-06-15
[86] 2016-12-16 (PCT/CA2016/051496)
[87] (WO2017/100938)
[30] US (62/268,137) 2015-12-16

---

[21] **3,008,666**
[13] A1
[51] **Int.Cl. G06K 7/10 (2006.01) G09G 3/00 (2006.01)**
[25] EN
[54] **INTEGRATION OF A BARCODE SCANNER INTO A DISPLAY DEVICE**
[54] **INTEGRATION D'UN DISPOSITIF DE BALAYAGE DE CODE A BARRES DANS UN DISPOSITIF D'AFFICHAGE**
[72] PILCHER, NEIL, GB
[72] VILHELMSEN, TOM, DK
[72] SISEMAN, JOHN, GB
[71] CUBIC CORPORATION, US
[85] 2018-06-14
[86] 2016-12-27 (PCT/US2016/068640)
[87] (WO2017/120071)
[30] US (62/275,519) 2016-01-06
[30] GB (1605241.7) 2016-03-29

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[21] **3,008,667**
[13] A1
[51] **Int.Cl. B29C 47/04 (2006.01) B33Y 30/00 (2015.01) B29C 47/06 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR ADDITIVE MANUFACTURING**
[54] **PROCEDES ET SYSTEMES DESTINES A LA FABRICATION ADDITIVE**
[72] CHIANG, YET-MING, US
[72] HART, ANASTASIOS JOHN, US
[72] SCHROERS, JAN, US
[72] FONTANA, RICHARD REMO, US
[72] CHIN, RICARDO, US
[72] SCHUH, CHRISTOPHER ALLAN, US
[72] MYERBERG, JONAH SAMUEL, US
[72] FULOP, RICARDO, US
[72] VERMINSKI, MATTHEW DAVID, US
[72] MYKULOWYCZ, NICHOLAS MARK, US
[72] SHIM, JOSEPH YOSUP, US
[72] GIBSON, MICHAEL ANDREW, US
[72] SACHS, EMANUEL MICHAEL, US
[71] DESKTOP METAL, INC., US
[85] 2018-06-14
[86] 2016-12-16 (PCT/US2016/067378)
[87] (WO2017/106787)
[30] US (62/268,458) 2015-12-16
[30] US (62/303,310) 2016-03-03
[30] US (62/322,760) 2016-04-14

[21] **3,008,668**
[13] A1
[51] **Int.Cl. A61F 2/08 (2006.01) A61B 17/064 (2006.01)**
[25] EN
[54] **MEDICAL IMPLANT DELIVERY SYSTEM AND RELATED METHODS**
[54] **SYSTEME DE POSE D'IMPLANT MEDICAL ET PROCEDES ASSOCIES**
[72] ZENZ-OLSON, NATHANIEL, US
[72] TRAN, NATHANIEL, US
[71] ROTATION MEDICAL, INC., US
[85] 2018-06-14
[86] 2016-12-29 (PCT/US2016/069261)
[87] (WO2017/117415)
[30] US (62/273,864) 2015-12-31
[30] US (62/404,843) 2016-10-06

---

[21] **3,008,669**
[13] A1
[51] **Int.Cl. E04B 1/19 (2006.01)**
[25] EN
[54] **HOUSE FORMED BY CONNECTING HIGH-STRENGTH CONCAVE-CONVEX TROUGH-TYPE STEELS**
[54] **MAISON FORMEE PAR LIAISON D'ACIERS DE TYPE CREUX CONCAVES-CONVEXES A HAUTE RESISTANCE**
[72] WEI, QUN, CN
[71] HENAN OSCAR PARKER TECHNOLOGY CO., LTD., CN
[85] 2018-06-15
[86] 2016-08-28 (PCT/CN2016/097077)
[87] (WO2017/101507)
[30] CN (201510949507.6) 2015-12-18

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[21] **3,008,670**
[13] A1
[51] **Int.Cl. A61B 17/064 (2006.01) A61B 17/068 (2006.01) A61B 90/00 (2016.01)**
[25] EN
[54] **FASTENER DELIVERY SYSTEM AND RELATED METHODS**
[54] **SYSTEME DE DISTRIBUTION D'AGRAFES ET PROCEDES ASSOCIES**
[72] ZENZ-OLSON, NATHANIEL, US
[72] TRAN, NATHANIEL, US
[71] ROTATION MEDICAL, INC., US
[85] 2018-06-14
[86] 2016-12-29 (PCT/US2016/069292)
[87] (WO2017/117437)
[30] US (62/273,890) 2015-12-31

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[21] **3,008,671**
[13] A1
[51] **Int.Cl. A61F 13/15 (2006.01) A61F 13/47 (2006.01) A61F 13/51 (2006.01) A61F 13/53 (2006.01) A61F 13/84 (2006.01)**
[25] EN
[54] **SWEAT PAD AND METHODS OF USING SAME**
[54] **TAMPON ANTI-SUEUR ET PROCEDES D'UTILISATION DE CELUI-CI**
[72] MULDOWNEY, THOMAS A., US
[72] SCHMITT, KARL, US
[71] HEMISPHERES FOR ALL, LLC, US
[85] 2018-06-14
[86] 2016-11-15 (PCT/US2016/061970)
[87] (WO2017/105721)
[30] US (14/970,831) 2015-12-16

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[21] **3,008,672**
[13] A1
[51] **Int.Cl. D01F 9/12 (2006.01) D01D 10/02 (2006.01) D01F 6/18 (2006.01) D01F 9/14 (2006.01) D01F 9/22 (2006.01) D02J 1/22 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCING CARBON FIBERS FROM MULTIPURPOSE COMMERCIAL FIBERS**
[54] **PROCEDE DE PRODUCTION DE FIBRES DE CARBONE A PARTIR DE FIBRES COMMERCIALES POLYVALENTES**
[72] JACKSON, CONNIE D., US
[72] NASKAR, AMIT K., US
[71] UT-BATTELLE, LLC, US
[85] 2018-06-14
[86] 2016-12-30 (PCT/US2016/069537)
[87] (WO2017/117544)
[30] US (62/273,559) 2015-12-31
[30] US (62/305,232) 2016-03-08

---

[21] **3,008,673**
[13] A1
[51] **Int.Cl. H04L 27/26 (2006.01) H04L 5/00 (2006.01)**
[25] EN
[54] **DATA SIGNAL TRANSMISSION IN A WIRELESS COMMUNICATION SYSTEM WITH REDUCED END-TO-END LATENCY**
[54] **EMISSION DE SIGNAUX DE DONNEES DANS UN SYSTEME DE COMMUNICATION SANS FIL AVEC REDUCTION DE LA LATENCE DE BOUT EN BOUT**
[72] HELLGE, CORNELIUS, DE
[72] SANCHEZ, YAGO, DE
[72] SCHIERL, THOMAS, DE
[72] HAUSTEIN, THOMAS, DE
[72] THIELE, LARS, DE
[72] WIRTH, THOMAS, DE
[72] KURRAS, MARTIN, DE
[72] RASCHKOWSKI, LESZEK, DE
[72] EFIMUSHKINA, TATIANA, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUND DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2018-06-15
[86] 2015-12-18 (PCT/EP2015/080659)
[87] (WO2017/102037)

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[21] **3,008,675**
[13] A1
[51] **Int.Cl. C10M 167/00 (2006.01)**
[25] EN
[54] **NITROGEN-FUNCTIONALIZED OLEFIN POLYMERS FOR ENGINE LUBRICANTS**
[54] **POLYMERES OLEFINIQUES FONCTIONNALISES PAR UN AZOTE POUR LUBRIFIANTS DE MOTEUR**
[72] KNAPTON, DANIEL J., US
[72] DELBRIDGE, EWAN E., US
[72] GIESELMAN, MATTHEW D., US
[72] KELLEY, JACK C., US
[71] THE LUBRIZOL CORPORATION, US
[85] 2018-06-14
[86] 2016-11-17 (PCT/US2016/062429)
[87] (WO2017/105747)
[30] US (62/269,579) 2015-12-18

[21] **3,008,676**
[13] A1
[51] **Int.Cl. C12N 5/071 (2010.01) C12N 5/079 (2010.01) C07K 14/78 (2006.01)**
[25] EN
[54] **GENE THERAPY FOR RECESSIVE DYSTROPHIC EPIDERMOLYSIS BULLOSA USING GENETICALLY CORRECTED AUTOLOGOUS KERATINOCYTES**
[54] **THERAPIE GENIQUE POUR LE TRAITEMENT D'UNE EPIDERMOLYSE BULLEUSE DYSTROPHIQUE RECESSIVE A L'AIDE DE KERATINOCYTES AUTOLOGUES CORRIGES GENETIQUEMENT**
[72] SIPRASHVILI, ZURAB, US
[72] NGUYEN, NGON T., US
[72] MARINKOVICH, M. PETER, US
[72] TANG, JEAN, US
[72] LANE, ALFRED T., US
[72] KHAVARI, PAUL A., US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[71] U.S. GOVERNMENT AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS, US
[85] 2018-06-14
[86] 2017-01-03 (PCT/US2017/012061)
[87] (WO2017/120147)
[30] US (62/274,700) 2016-01-04
[30] US (62/414,533) 2016-10-28

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[21] **3,008,677**
[13] A1
[51] **Int.Cl. C04B 26/06 (2006.01) C04B 20/10 (2006.01)**
[25] EN
[54] **COMPOSITION FOR A PASTY FILLER MATERIAL, PASTY FILLER, AND METHOD FOR PRODUCING A PASTY FILLER MATERIAL**
[54] **COMPOSITION POUR UN MATERIAU DE CHARGE PATEUX, CHARGE PATEUSE ET PROCEDE DE PRODUCTION DE MATERIAU DE CHARGE PATEUX**
[72] WINGS, NORBERT, DE
[71] KNAUF GIPS KG, DE
[85] 2018-06-15
[86] 2016-06-23 (PCT/EP2016/001067)
[87] (WO2017/108145)
[30] EP (15003627.5) 2015-12-21

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[21] **3,008,678**
[13] A1
[51] **Int.Cl. C07K 16/00 (2006.01) A61K 47/68 (2017.01)**
[25] EN
[54] **VARIANT ANTIBODIES FOR SITE-SPECIFIC CONJUGATION**
[54] **ANTICORPS VARIANTS POUR CONJUGAISON SPECIFIQUE A UN SITE**
[72] SHEPPARD, PAUL O., US
[72] ANDERSEN, HENRIK, US
[72] SHAO, XIANG, US
[72] RAO-NAIK, CHETANA, US
[72] RAJPAL, ARVIND, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2018-06-14
[86] 2016-12-20 (PCT/US2016/067663)
[87] (WO2017/112624)
[30] US (62/270,245) 2015-12-21

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[21] **3,008,679**
[13] A1
[51] **Int.Cl. C08F 2/22 (2006.01) C08F 220/18 (2006.01) C08F 265/06 (2006.01)**
[25] EN
[54] **MULTISTAGE AQUEOUS EMULSION POLYMER AND AQUEOUS COATING COMPOSITION FORMED THEREFROM**
[54] **POLYMERE EN EMULSION AQUEUSE MULTI-ETAGE ET COMPOSITION DE REVETEMENT AQUEUSE FORMEE A PARTIR DE CE DERNIER**
[72] DONG, XIANGTING, CN
[72] LI, LING, CN
[72] ZHANG, JINYUAN, CN
[72] CUI, WEI, CN
[72] LIU, HAN, CN
[72] ZHANG, QINGWEI, CN
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
[85] 2018-06-15
[86] 2015-12-21 (PCT/CN2015/098013)
[87] (WO2017/106994)

---

[21] **3,008,680**
[13] A1
[51] **Int.Cl. A61B 8/12 (2006.01) A61B 17/22 (2006.01) A61M 3/02 (2006.01) A61M 25/00 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR TREATING STROKE**
[54] **PROCEDES ET DISPOSITIFS DE TRAITEMENT D'UN ACCIDENT VASCULAIRE CEREBRAL**
[72] ANAND, PJ, US
[72] EKHOLM, JOHN, US
[72] SINGH, DEEP ARJUN, US
[71] ALCYONE LIFESCIENCES, INC., US
[85] 2018-06-14
[86] 2017-01-04 (PCT/US2017/012096)
[87] (WO2017/120167)
[30] US (62/274,582) 2016-01-04

---

[21] **3,008,682**
[13] A1
[51] **Int.Cl. A61M 5/315 (2006.01)**
[25] EN
[54] **SYRINGE PLUNGER ASSEMBLIES**
[54] **ENSEMBLES PISTON DE SERINGUE**
[72] LAROSE, ERIK M., US
[71] W.L. GORE & ASSOCIATES, INC., US
[85] 2018-06-14
[86] 2017-01-13 (PCT/US2017/013290)
[87] (WO2017/123835)
[30] US (62/279,007) 2016-01-15
[30] US (62/385,728) 2016-09-09
[30] US (15/405,078) 2017-01-12

---

[21] **3,008,684**
[13] A1
[51] **Int.Cl. A61M 5/315 (2006.01)**
[25] EN
[54] **MEDICAL DELIVERY DEVICE WITH LAMINATED STOPPER**
[54] **DISPOSITIF D'ADMINISTRATION MEDICAL AVEC BUTEE FEUILLETEE**
[72] RUSCH, GREG, US
[72] BASHAM, ROBERT C., US
[71] W.L. GORE & ASSOCIATES, INC., US
[85] 2018-06-14
[86] 2017-01-13 (PCT/US2017/013297)
[87] (WO2017/123840)
[30] US (62/279,553) 2016-01-15
[30] US (15/404,892) 2017-01-12

[21] **3,008,685**
[13] A1
[51] **Int.Cl. C01C 1/04 (2006.01)**
[25] EN
[54] **A PROCESS FOR PRODUCTION OF AMMONIA FROM INERT-FREE SYNTHESIS GAS IN MULTIPLE REACTION SYSTEMS**
[54] **PROCEDE DE PRODUCTION D'AMMONIAC A PARTIR D'UN GAZ DE SYNTHESE EXEMPT DE GAZ INERTES DANS DE MULTIPLES SYSTEMES DE REACTION**
[72] KROLL JENSEN, ANNETTE E., DK
[72] DAHL, PER JUUL, DK
[71] HALDOR TOPSOE A/S, DK
[85] 2018-06-15
[86] 2016-11-15 (PCT/EP2016/077690)
[87] (WO2017/102206)
[30] DK (PA 2015 00811) 2015-12-16

---

[21] **3,008,687**
[13] A1
[51] **Int.Cl. G01B 11/06 (2006.01) G01N 21/3581 (2014.01) G01B 11/02 (2006.01) G01B 11/245 (2006.01)**
[25] EN
[54] **TERAHERTZ MEASUREMENT METHOD AND TERAHERTZ MEASURING APPARATUS FOR DETERMINING A LAYER THICKNESS OR A DISTANCE OF A MEASUREMENT OBJECT**
[54] **PROCEDE DE MESURE TERAHERTZ ET DISPOSITIF DE MESURE TERAHERTZ POUR LA DETERMINATION D'UNE EPAISSEUR DE COUCHE OU D'UNE DISTANCE A UN OBJET A MESURER**
[72] THIEL, MARIUS, DE
[72] KLOSE, RALPH, DE
[71] INOEX GMBH INNOVATIONEN UND AUSRUSTUNGEN FUR DIE EXTRUSIONSTECHNIK, DE
[85] 2018-06-15
[86] 2016-12-12 (PCT/DE2016/100577)
[87] (WO2017/101906)
[30] DE (10 2015 122 205.1) 2015-12-18

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[21] **3,008,688**
[13] A1
[51] **Int.Cl. H04L 9/32 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CODE DISPLAY AND USE**
[54] **SYSTEMES ET PROCEDES D'AFFICHAGE ET D'UTILISATION DE CODE**
[72] FLURSCHEIM, CHRISTIAN, US
[72] POWELL, GLENN, US
[72] AABYE, CHRISTIAN, US
[72] CHITALIA, JALPESH, US
[72] WONG, ERICK, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[85] 2018-06-14
[86] 2017-02-01 (PCT/US2017/016009)
[87] (WO2017/136418)
[30] US (62/289,695) 2016-02-01

---

[21] **3,008,689**
[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/519 (2006.01)**
[25] EN
[54] **PYRIDO[1,2-A]PYRIMIDONE ANALOG, CRYSTAL FORM THEREOF, INTERMEDIATE THEREOF AND PREPARATION METHOD THEREFOR**
[54] **ANALOGUE DE PYRIDO[1,2-A]PYRIMIDONE, SA FORME CRISTALLINE, SON INTERMEDIAIRE ET SON PROCEDE DE PREPARATION**
[72] YU, TAO, CN
[72] LI, NING, CN
[72] KONG, LINGWEI, CN
[72] JIANG, PEIPEI, CN
[72] WANG, YONG, CN
[72] RONG, ZHEMIN, CN
[72] WANG, CHANGJUN, CN
[72] GUO, FENG, CN
[72] LI, ZONGBIN, CN
[72] WANG, ZHENG, CN
[72] WU, JIAHU, CN
[72] WU, CHENGDE, CN
[71] CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD., CN
[85] 2018-06-15
[86] 2016-12-16 (PCT/CN2016/110284)
[87] (WO2017/101847)
[30] CN (201510951482.3) 2015-12-16

---

[21] **3,008,690**
[13] A1
[51] **Int.Cl. A23G 3/42 (2006.01) A23L 29/281 (2016.01) A23G 3/44 (2006.01)**
[25] EN
[54] **CASTING COMPOUND AND METHOD FOR PRODUCING GELATIN PRODUCTS**
[54] **MASSE DE COULEE ET PROCEDE POUR LA FABRICATION DE PRODUITS GELATINEUX**
[72] DICK, EBERHARD, DE
[72] GOTTLING, SONJA, DE
[72] LETHEIM, ANNA, DE
[72] RAAB, ALEXANDER, DE
[72] BRACK, HOLGER, DE
[71] GELITA AG, DE
[85] 2018-06-15
[86] 2016-12-01 (PCT/EP2016/079388)
[87] (WO2017/102347)
[30] DE (10 2015 121 923.9) 2015-12-16

---

[21] **3,008,692**
[13] A1
[51] **Int.Cl. C09J 5/00 (2006.01) C09J 5/04 (2006.01)**
[25] EN
[54] **REACTIVE 2-COMPONENT ADHESIVE SYSTEM IN FILM FORM, AND METHOD OF ADHESIVE BONDING**
[54] **SYSTEME ADHESIF BICOMPOSANT REACTIF SOUS FORME DE FILM ET PROCEDE DE COLLAGE**
[72] DIETZE, SEBASTIAN, DE
[72] KOOPS, ARNE, DE
[72] MAATZ, GERO, DE
[72] SCHUMANN, UWE, DE
[71] TESA SE, DE
[85] 2018-06-15
[86] 2016-11-24 (PCT/EP2016/078743)
[87] (WO2017/102282)
[30] DE (10 2015 225 854.8) 2015-12-18

[21] **3,008,693**
[13] A1
[51] **Int.Cl. H02J 3/14 (2006.01) G06F 1/26 (2006.01)**
[25] FR
[54] **DYNAMIC CONNECTION OF THE ELECTRIC POWER SUPPLY**
[54] **BRASSAGE DYNAMIQUE DE L'ALIMENTATION ELECTRIQUE**
[72] BEYNEY, CHARLES, LU
[72] ROUESSARD, JULIEN, LU
[72] BLOTTIAUX, THOMAS, LU
[71] ETIX LABS S.A.R.L., LU
[85] 2018-06-14
[86] 2016-12-16 (PCT/EP2016/081547)
[87] (WO2017/103185)
[30] FR (1562692) 2015-12-17

---

[21] **3,008,694**
[13] A1
[51] **Int.Cl. A61K 38/00 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **METHOD FOR PREVENTING OR TREATING DIABETIC NERVE INJURY AND RELATED DISORDERS THEREOF**
[54] **METHODE DE PREVENTION OU DE TRAITEMENT DE LA NEUROPATHIE DIABETIQUE ET DES AFFECTIONS ASSOCIEES**
[72] LI, JINAN, CN
[71] TALENGEN INTERNATIONAL LIMITED, CN
[85] 2018-06-15
[86] 2016-12-16 (PCT/CN2016/110449)
[87] (WO2017/101867)
[30] CN (PCT/CN2015/097943) 2015-12-18

---

[21] **3,008,695**
[13] A1
[51] **Int.Cl. H04B 7/185 (2006.01) G06F 9/455 (2018.01)**
[25] EN
[54] **COMMUNICATIONS CONSTELLATION OPTIMISATION FACILITY**
[54] **INSTALLATION D'OPTIMISATION DE CONSTELLATION DE COMMUNICATIONS**
[72] WARD, CHRISTOPHER, GB
[71] AIRBUS DEFENCE AND SPACE LIMITED, GB
[85] 2018-06-15
[86] 2016-11-25 (PCT/EP2016/078907)
[87] (WO2017/068201)
[30] EP (15275268.9) 2015-12-18

---

[21] **3,008,696**
[13] A1
[51] **Int.Cl. H04N 5/76 (2006.01) H04N 21/433 (2011.01) H04N 21/488 (2011.01) H04N 21/81 (2011.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR BYPASSING PREEMPTIONS IN RECORDED MEDIA ASSETS**
[54] **PROCEDES ET SYSTEMES DE CONTOURNEMENT DE PREEMPTIONS DANS DES ACTIFS MULTIMEDIAS ENREGISTRES**
[72] WARD, DANIEL THOMAS, US
[72] CHIMAYAN, AREVIK, US
[72] KLAPPERT, WALTER R., US
[71] ROVI GUIDES, INC., US
[85] 2018-06-14
[86] 2016-11-29 (PCT/US2016/063980)
[87] (WO2017/105822)
[30] US (14/970,720) 2015-12-16
[30] US (14/970,751) 2015-12-16

---

[21] **3,008,697**
[13] A1
[51] **Int.Cl. G02C 5/20 (2006.01) B29C 45/00 (2006.01) B29D 12/02 (2006.01) G02C 5/14 (2006.01) G02C 5/22 (2006.01)**
[25] EN
[54] **TEMPLE FOR A PAIR OF GLASSES**
[54] **BRANCHE DE LUNETTES**
[72] KUHNLEIN, FLORIAN, DE
[72] WIEGLER, MARKUS, DE
[71] UVEX ARBEITSSCHUTZ GMBH, DE
[85] 2018-06-15
[86] 2016-12-05 (PCT/EP2016/079713)
[87] (WO2017/102398)
[30] DE (10 2015 225 775.4) 2015-12-17

---

[21] **3,008,699**
[13] A1
[51] **Int.Cl. H01M 8/1041 (2016.01) H01M 8/1067 (2016.01) H01M 8/1213 (2016.01) H01M 8/1018 (2016.01) C25B 1/00 (2006.01)**
[25] FR
[54] **PROTON-CONDUCTIVE ELECTROCHEMICAL DEVICE WITH INTEGRATED REFORMING AND ASSOCIATED PRODUCTION METHOD**
[54] **DISPOSITIF ELECTROCHIMIQUE A CONDUCTION PROTONIQUE AVEC REFORMAGE INTEGRE ET PROCEDE DE FABRICATION ASSOCIE**
[72] MARRONY, MATHIEU, FR
[72] TAILLADES, GILLES, FR
[72] ROZIERE, JACQUES, FR
[72] DAILLY, JULIAN, DE
[71] ELECTRICITE DE FRANCE, FR
[71] UNIVERSITE DE MONTPELLIER, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS, FR
[85] 2018-06-14
[86] 2016-12-16 (PCT/EP2016/081560)
[87] (WO2017/103193)
[30] FR (15 62711) 2015-12-17

---

[21] **3,008,700**
[13] A1
[51] **Int.Cl. H04L 12/801 (2013.01) H04L 12/835 (2013.01)**
[25] FR
[54] **TERMINAL AND METHOD FOR TRANSMITTING DATA VIA A STRAINED CHANNEL**
[54] **TERMINAL ET PROCEDE POUR L'EMISSION DE DONNEES VIA UN CANAL CONTRAINT**
[72] RICHARD, JULIEN, FR
[72] ROMAN, ALEXANDRE, FR
[71] AMESYS, FR
[85] 2018-06-14
[86] 2016-12-19 (PCT/EP2016/081758)
[87] (WO2017/103271)
[30] FR (15/02631) 2015-12-18

[21] **3,008,701**
[13] A1
[51] **Int.Cl. A61K 31/4709 (2006.01) A61K 9/48 (2006.01) A61K 47/38 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING PHARMACEUTICAL COMPOSITION COMPRISING QUINOLINE DERIVATIVE OR SALT THEREOF**
[54] **PROCEDE DE PREPARATION D'UNE COMPOSITION PHARMACEUTIQUE COMPRENANT UN DERIVE DE QUINOLEINE OU UN SEL DE CELUI-CI**
[72] LU, YUN, CN
[72] ZHANG, XINHUA, CN
[72] WANG, CHENYANG, CN
[71] JIANGSU HENGRUI MEDICINE CO., LTD., CN
[85] 2018-06-15
[86] 2017-01-23 (PCT/CN2017/072156)
[87] (WO2017/129088)
[30] CN (201610057228.3) 2016-01-27

---

[21] **3,008,702**
[13] A1
[51] **Int.Cl. F27D 1/14 (2006.01)**
[25] EN
[54] **REFRACTORY ANCHOR FOR A FURNACE REFRACTORY TILE**
[54] **ANCRAGE DE REFRACTAIRE POUR CARREAU DE REFRACTAIRE DE FOUR**
[72] BEUKEMA, FLORUS HERMANUS, NL
[72] VAN BEURDEN, PAULUS, NL
[71] TATA STEEL NEDERLAND TECHNOLOGY B.V., NL
[85] 2018-06-15
[86] 2016-12-09 (PCT/EP2016/080460)
[87] (WO2017/125206)
[30] EP (EP16152404.6) 2016-01-22

---

[21] **3,008,703**
[13] A1
[51] **Int.Cl. C07D 257/02 (2006.01)**
[25] EN
[54] **DOTA SYNTHESIS**
[54] **SYNTHESE DU DOTA**
[72] MEIJER, ANDREAS RICHARD, NO
[72] AABYE, ARNE WANG, NO
[72] HUSSAIN, KHALID, NO
[72] NILSEN, SONDRE, NO
[72] THANING, MIKKEL JACOB, NO
[72] HAUGAN, JARLE ANDRE, NO
[72] GAUSEMEL, INGVIL, NO
[72] ENES, NIKOLAI, NO
[72] SUMIHAR, SILALAHI, NO
[71] GE HEALTHCARE AS, NO
[85] 2018-06-15
[86] 2016-12-19 (PCT/EP2016/081705)
[87] (WO2017/103258)
[30] GB (1522412.4) 2015-12-18

---

[21] **3,008,705**
[13] A1
[51] **Int.Cl. G06Q 20/38 (2012.01) G06F 21/33 (2013.01) G06F 21/45 (2013.01) H04L 9/32 (2006.01)**
[25] EN
[54] **SYSTEM FOR ISSUING PUBLIC CERTIFICATE ON BASIS OF BLOCK CHAIN, AND METHOD FOR ISSUING PUBLIC CERTIFICATE ON BASIS OF BLOCK CHAIN BY USING SAME**
[54] **SYSTEME D'EMISSION DE CERTIFICAT PUBLIC EN FONCTION D'UNE CHAINE DE BLOCS ET PROCEDE D'EMISSION DE CERTIFICAT PUBLIC EN FONCTION D'UNE CHAINE DE BLOCS UTILISANT LEDIT SYSTEME**
[72] UHR, JOON SUN, KR
[72] HONG, JAY WU, KR
[72] SONG, JOO HAN, KR
[71] COINPLUG, INC., KR
[85] 2018-06-14
[86] 2016-10-10 (PCT/KR2016/011293)
[87] (WO2017/171165)
[30] KR (10-2016-0038068) 2016-03-30

---

[21] **3,008,706**
[13] A1
[51] **Int.Cl. A01N 59/00 (2006.01) A01N 31/08 (2006.01) A01N 35/08 (2006.01) A01N 43/40 (2006.01) A01N 43/80 (2006.01) A01N 59/06 (2006.01) A01N 59/16 (2006.01) A01P 1/00 (2006.01) D21H 21/36 (2006.01)**
[25] EN
[54] **METAL OXIDES AND/OR HYDRATES THEREOF FOR STABILISING AN AQUEOUS PREPARATION AGAINST MICROBIAL GROWTH**
[54] **OXYDES METALLIQUES ET/OU LEURS HYDRATES POUR STABILISER UNE PREPARATION AQUEUSE CONTRE LA CROISSANCE MICROBIENNE**
[72] URWYLER, SIMON, CH
[72] GLAUBITZ, JOACHIM, CH
[72] ZUMSTEG, ANITA, CH
[71] OMYA INTERNATIONAL AG, CH
[85] 2018-06-15
[86] 2016-12-20 (PCT/EP2016/081881)
[87] (WO2017/108760)
[30] EP (15202030.1) 2015-12-22
[30] US (62/272,157) 2015-12-29

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[21] **3,008,707**
[13] A1
[51] **Int.Cl. H02P 1/02 (2006.01) H02H 7/08 (2006.01) H02P 1/16 (2006.01) H02P 1/26 (2006.01) H02P 1/28 (2006.01) H02P 1/42 (2006.01)**
[25] EN
[54] **PARALLEL USE OF SOFT STARTERS**
[54] **UTILISATION PARALLELE DE DEMARREURS DOUX**
[72] STEPHENS, GARY, GB
[71] FAIRFORD ELECTRONICS LIMITED, GB
[85] 2018-06-15
[86] 2016-12-16 (PCT/EP2016/081475)
[87] (WO2017/103140)
[30] GB (1522376.1) 2015-12-18

[21] 3,008,709
[13] A1
[51] **Int.Cl. C07C 209/86 (2006.01) B01D 61/24 (2006.01) C07C 211/06 (2006.01) C07C 211/27 (2006.01) C12P 13/00 (2006.01)**
[25] EN
[54] **PROCESS FOR THE SEPARATION OF ORGANIC COMPOUNDS**
[54] **PROCEDE DE SEPARATION DE COMPOSES ORGANIQUES**
[72] SATYAWALI, YAMINI, BE
[72] ORMEROD, DOMINIC, BE
[72] VANBROEKHOVEN, KAROLIEN, BE
[72] BUEKENHOUDT, ANITA, BE
[71] VITO NV, BE
[85] 2018-06-15
[86] 2016-12-16 (PCT/EP2016/081516)
[87] (WO2017/103163)
[30] EP (EP15200937.9) 2015-12-17

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[21] 3,008,710
[13] A1
[51] **Int.Cl. G01H 9/00 (2006.01) G01D 5/353 (2006.01) G01V 1/20 (2006.01) G01V 1/38 (2006.01) G01V 8/10 (2006.01) G08C 23/06 (2006.01)**
[25] EN
[54] **NON-ACOUSTIC MEASUREMENT UNIT**
[54] **UNITE DE MESURE NON ACOUSTIQUE**
[72] BOUFFARON, RENAUD, FR
[72] DOISY, MARTINE, FR
[72] BERGOGNE, CHRISTIAN, FR
[71] THALES, FR
[85] 2018-06-15
[86] 2016-12-14 (PCT/EP2016/081053)
[87] (WO2017/102873)
[30] FR (1502607) 2015-12-16

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[21] 3,008,711
[13] A1
[51] **Int.Cl. A63F 13/795 (2014.01) A63F 13/79 (2014.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MANAGING MULTIPLAYER GAME SESSIONS**
[54] **PROCEDE ET SYSTEME DE GESTION DE SESSIONS DE JEU A JOUEURS MULTIPLES**
[72] LEPPINEN, LASSI, FI
[72] HAKALA, TOMMI, FI
[71] SUPERCELL OY, FI
[85] 2018-06-15
[86] 2015-12-28 (PCT/FI2015/050946)
[87] (WO2017/115002)

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[21] 3,008,712
[13] A1
[51] **Int.Cl. A23B 4/32 (2006.01) A22C 25/16 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING FISH PRODUCT**
[54] **PROCEDE DE PREPARATION D'UN PRODUIT DE POISSON**
[72] RUUTTU, JARI, FI
[72] KINNUNEN, PETTERI, FI
[71] ARCTIC IP INVESTMENT AB, FI
[85] 2018-06-15
[86] 2016-12-16 (PCT/FI2016/050884)
[87] (WO2017/103340)
[30] FI (20155968) 2015-12-18

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[21] 3,008,713
[13] A1
[51] **Int.Cl. A61L 15/22 (2006.01) A61L 15/28 (2006.01) A61L 15/60 (2006.01)**
[25] EN
[54] **A MEDICAL MULTI-LAYER PRODUCT COMPRISING NANOFIBRILLAR CELLULOSE AND METHOD FOR PREPARING THEREOF**
[54] **PRODUIT MULTICOUCHE MEDICAL COMPRENANT DE LA CELLULOSE NANOFIBRILLAIRE ET SON PROCEDE DE PREPARATION**
[72] KOSONEN, MIKA, FI
[72] LUUKKO, KARI, FI
[71] UPM-KYMMENE CORPORATION, FI
[85] 2018-06-15
[86] 2016-12-30 (PCT/FI2016/050938)
[87] (WO2017/115018)
[30] EP (15397547.9) 2015-12-31

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[21] 3,008,714
[13] A1
[51] **Int.Cl. C08G 65/26 (2006.01) C04B 24/22 (2006.01) C04B 24/24 (2006.01) C04B 24/30 (2006.01) C04B 24/32 (2006.01) C08G 8/28 (2006.01) C08G 65/331 (2006.01) C08G 65/335 (2006.01)**
[25] EN
[54] **POLYCONDENSATE BASED WATER-REDUCER**
[54] **REDUCTEUR D'EAU A BASE DE POLYCONDENSAT**
[72] KRAUS, ALEXANDER, DE
[72] KUEHN, ANNEMARIE, DE
[72] KUENZNER, STEFANIE, DE
[71] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
[85] 2018-06-15
[86] 2016-12-16 (PCT/EP2016/081590)
[87] (WO2017/103215)
[30] EP (15200816.5) 2015-12-17

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[21] 3,008,716
[13] A1
[51] **Int.Cl. H01M 8/04537 (2016.01) G01R 31/36 (2006.01)**
[25] EN
[54] **CIRCUIT ARRANGEMENT FOR IMPRESSING AN ELECTRIC SIGNAL INTO AN ELECTROCHEMICAL ENERGY SUPPLY DEVICE**
[54] **SYSTEME DE COMMUTATION POUR L'INJECTION D'UN SIGNAL ELECTRIQUE DANS UN DISPOSITIF ELECTROCHIMIQUE DE FOURNITURE D'ENERGIE**
[72] FUCHS, ERNST, AT
[72] HARMS, KLAUS-CHRISTOPH, AT
[72] REITERER, JOSEF, AT
[71] AVL LIST GMBH, AT
[85] 2018-06-15
[86] 2016-12-15 (PCT/EP2016/081210)
[87] (WO2017/102956)
[30] AT (A 797/2015) 2015-12-17

[21] **3,008,717**
[13] A1
[51] **Int.Cl. F24D 5/02 (2006.01) F21V 33/00 (2006.01) F24F 3/00 (2006.01) F24F 3/056 (2006.01) F24F 5/00 (2006.01) F24F 13/078 (2006.01) G02B 6/00 (2006.01)**
[25] EN
[54] **SYSTEM AND DEVICE FOR HEATING, COOLING, VENTILATING AND ILLUMINATING AN INTERIOR SPACE**
[54] **SYSTEME ET PROCEDE DE CHAUFFAGE, REFROIDISSEMENT, VENTILATION ET ECLAIRAGE D'UN ESPACE INTERIEUR**
[72] WENZEL, BERND, DE
[71] VIESSMANN WERKE GMBH & CO. KG, DE
[85] 2018-06-15
[86] 2016-12-16 (PCT/EP2016/081597)
[87] (WO2017/103220)
[30] DE (10 2015 225 815.7) 2015-12-17

[21] **3,008,719**
[13] A1
[51] **Int.Cl. H04N 19/46 (2014.01) H04N 19/105 (2014.01) H04N 19/129 (2014.01)**
[25] EN
[54] **APPARATUS, SYSTEM AND METHOD OF VIDEO COMPRESSION USING SMART CODING TREE UNIT SCANNING AND CORRESPONDING COMPUTER PROGRAM AND MEDIUM**
[54] **APPAREIL, SYSTEME ET PROCEDE DE COMPRESSION VIDEO EN UTILISANT LE BALAYAGE D'UNITES D'ARBORESCENCE DE CODAGE INTELLIGENT, ET PROGRAMME INFORMATIQUE ET SUPPORT CORRESPONDANTS**
[72] GALPIN, FRANCK, FR
[72] RACAPE, FABIEN, FR
[72] POIRIER, TANGI, FR
[71] THOMSON LICENSING, FR
[85] 2018-06-15
[86] 2016-12-16 (PCT/EP2016/081611)
[87] (WO2017/108638)
[30] EP (15307078.4) 2015-12-21

[21] **3,008,724**
[13] A1
[51] **Int.Cl. C04B 35/58 (2006.01) H05B 3/14 (2006.01)**
[25] EN
[54] **A NEW MOLYBDENUM SILICIDE BASED COMPOSITION**
[54] **NOUVELLE COMPOSITION A BASE DE SILICIURE DE MOLYBDENE**
[72] STROM, ERIK, SE
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2018-06-15
[86] 2016-12-19 (PCT/EP2016/081752)
[87] (WO2017/108694)
[30] EP (15201647.3) 2015-12-21

[21] **3,008,726**
[13] A1
[51] **Int.Cl. B66C 23/36 (2006.01)**
[25] EN
[54] **MODULAR CRANE, TRANSPORT UNIT FOR A MODULAR CRANE AND METHOD OF OPERATING SUCH A CRANE**
[54] **GRUE MODULAIRE, UNITE DE TRANSPORT POUR GRUE MODULAIRE ET PROCEDE DE FONCTIONNEMENT D'UNE TELLE GRUE**
[72] SCHAAL, BENJAMIN, DE
[72] MEISSNER, KLAUS, DE
[72] ZOLLONDZ, RUDIGER, DK
[71] TEREX GLOBAL GMBH, CH
[85] 2018-06-15
[86] 2016-12-19 (PCT/EP2016/081753)
[87] (WO2017/108695)
[30] DE (10 2015 226 314.2) 2015-12-21

[21] **3,008,737**
[13] A1
[51] **Int.Cl. G01B 11/16 (2006.01) F16B 2/06 (2006.01) F17D 3/01 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR NON-INTRUSIVE PIPELINE TESTING**
[54] **PROCEDE ET SYSTEME DE TEST NON INTRUSIF DE CONDUITE**
[72] LOGAN, DEREK, CA
[72] HULL, JOHN, CA
[72] JALILIAN, SEYED EHSAN, CA
[71] HIFI ENGINEERING INC., CA
[85] 2018-06-15
[86] 2016-12-16 (PCT/CA2016/051504)
[87] (WO2017/100946)
[30] US (62/269,773) 2015-12-18

[21] **3,008,738**
[13] A1
[51] **Int.Cl. B01J 23/00 (2006.01) B01D 53/00 (2006.01)**
[25] EN
[54] **SELECTIVE CATALYTIC REDUCTION (SCR) CATALYST COMPRISING A COMPOSITE OXIDE CONTAINING V AND SB, PREPARATION PROCESS THEREOF, AND USE THEREOF FOR NITROGEN OXIDES REMOVAL**
[54] **CATALYSEUR DE REDUCTION SELECTIVE CATALYTIQUE (SCR) COMPRENANT UN OXYDE COMPOSITE CONTENANT DU V ET DU SB, SON PROCEDE DE PREPARATION, ET SON UTILISATION POUR L'ELIMINATION DES OXYDES D'AZOTE**
[72] ZHAO, FENG, CN
[72] ZHANG, JIADI, CN
[72] CHEN, LIANG, CN
[72] GALEANO, CAROLINA, DE
[72] HUBER, SABINE, DE
[72] HUENNEKES, EDGAR, DE
[71] BASF CORPORATION, US
[71] BASF SE, DE
[85] 2018-06-15
[86] 2016-07-26 (PCT/CN2016/091711)
[87] (WO2017/101449)
[30] CN (PCT/CN2015/097704) 2015-12-17

[21] **3,008,739**
[13] A1
[51] **Int.Cl. C04B 28/26 (2006.01) C08F 220/20 (2006.01) C09J 133/00 (2006.01)**
[25] EN
[54] **REACTION RESIN COMPOSITION, MULTI-COMPONENT SYSTEM AND USE THEREOF**
[54] **COMPOSITION DE RESINE DE REACTION, SYSTEME MULTI-COMPOSANT ET LEUR UTILISATION**
[72] JIMENEZ, ANGEL, DE
[72] GALLEF, MICKAEL, FR
[72] PFEIL, ARMIN, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2018-06-15
[86] 2016-12-15 (PCT/EP2016/081106)
[87] (WO2017/108553)
[30] EP (15201471.8) 2015-12-21

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[21] **3,008,740**
[13] A1
[51] **Int.Cl. B42D 25/29 (2014.01) B42D 25/378 (2014.01) B42D 25/382 (2014.01) B42D 25/387 (2014.01) G07D 7/12 (2016.01)**
[25] FR
[54] **SECURITY ELEMENT COMPRISING HIDDEN INFORMATION AND VALUABLE DOCUMENT COMPRISING SAME**
[54] **ELEMENT DE SECURITE QUI COMPORTE UNE INFORMATION CACHEE ET DOCUMENT-VALEUR QUI LE COMPORTE**
[72] CHAPEAU, GUILLAUME, FR
[72] BORDE, XAVIER, FR
[71] OBERTHUR FIDUCIAIRE SAS, FR
[85] 2018-06-15
[86] 2016-12-19 (PCT/EP2016/081694)
[87] (WO2017/103252)
[30] FR (1562826) 2015-12-18

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[21] **3,008,741**
[13] A1
[51] **Int.Cl. B23Q 17/09 (2006.01) B23B 31/00 (2006.01) B23B 49/00 (2006.01)**
[25] EN
[54] **SENSOR MODULE AND TOOL HOLDER FOR A CUTTING TOOL**
[54] **MODULE DE CAPTEUR ET PORTE-OUTIL POUR UN OUTIL DE COUPE**
[72] KALHORI, VAHID, SE
[72] KARLSSON, ROBIN, SE
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2018-06-15
[86] 2016-12-20 (PCT/EP2016/081829)
[87] (WO2017/108731)
[30] EP (15201847.9) 2015-12-22

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[21] **3,008,742**
[13] A1
[51] **Int.Cl. H04B 7/195 (2006.01) B64G 1/10 (2006.01)**
[25] FR
[54] **METHOD AND SYSTEM FOR ACQUIRING IMAGES VIA A CONSTELLATION OF OBSERVATION SATELLITES**
[54] **PROCEDE ET SYSTEME D'ACQUISITION D'IMAGES PAR UNE CONSTELLATION DE SATELLITES D'OBSERVATION**
[72] GIRAUD, EMMANUEL, FR
[71] AIRBUS DEFENCE AND SPACE SAS, FR
[85] 2018-06-15
[86] 2016-12-14 (PCT/FR2016/053432)
[87] (WO2017/103481)
[30] FR (1562765) 2015-12-18

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[21] **3,008,743**
[13] A1
[51] **Int.Cl. B42D 25/23 (2014.01) B42D 25/24 (2014.01) B42D 25/29 (2014.01) B42D 25/324 (2014.01) B42D 25/333 (2014.01) B42D 25/351 (2014.01) B42D 25/355 (2014.01) B42D 25/373 (2014.01) B42D 25/425 (2014.01) B42D 25/45 (2014.01)**
[25] EN
[54] **DATA CARRIER**
[54] **SUPPORT DE DONNEES**
[72] DORFF, GISELHER, DE
[72] TEUFEL, BJORN, DE
[71] GIESECKE+DEVRIENT CURRENCY TECHNOLOGY GMBH, DE
[85] 2018-06-15
[86] 2017-02-10 (PCT/EP2017/000194)
[87] (WO2017/137167)
[30] DE (10 2016 001 499.7) 2016-02-10

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[21] **3,008,744**
[13] A1
[51] **Int.Cl. A61C 8/00 (2006.01)**
[25] EN
[54] **DENTAL FITTING ATTACHABLE TO A DENTAL COMPONENT AND DENTAL ASSEMBLY COMPRISING THE DENTAL FITTING**
[54] **APPAREIL DENTAIRE POUVANT SE FIXER A UN ELEMENT DENTAIRE, ET ENSEMBLE DENTAIRE COMPRENANT L'APPAREIL DENTAIRE**
[72] VONWILLER, STEPHAN, CH
[72] WEITZEL, JORG, DE
[72] CHRISTIANSEN, PIERS, CH
[72] CORBIN, ANDREW, CH
[71] NOBEL BIOCARE SERVICES AG, CH
[85] 2018-06-15
[86] 2017-01-16 (PCT/EP2017/050800)
[87] (WO2017/121898)
[30] EP (EP16151231.4) 2016-01-14

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[21] **3,008,745**
[13] A1
[51] **Int.Cl. E21B 33/126 (2006.01)**
[25] EN
[54] **PRESSURE CONTROL DEVICE**
[54] **DISPOSITIF DE REGULATION DE PRESSION**
[72] ATKINS, NICHOLAS, GB
[72] SPALDING, CRAIG, GB
[72] KANKANALAPALLI, KRISHNA, GB
[72] AVANASHIAPPAN, VIJAY AMIRTHARAJ, GB
[71] RUBBERATKINS LIMITED, GB
[85] 2018-06-15
[86] 2016-12-15 (PCT/GB2016/053947)
[87] (WO2017/103595)
[30] GB (1522135.1) 2015-12-15

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[21] **3,008,746**
[13] A1
[51] **Int.Cl. C05F 3/00 (2006.01) C05F 11/00 (2006.01) C05G 1/00 (2006.01)**
[25] EN
[54] **PHYTOSANITARY COMPOSITION**
[54] **COMPOSITION PHYTOSANITAIRE**
[72] DUMORTIER, LAURENT, FR
[72] SUMITOMO, YAMAJI, JP
[71] BIOBOON LIMITED, CN
[85] 2018-06-15
[86] 2016-12-22 (PCT/EP2016/082466)
[87] (WO2017/109124)
[30] FR (1563194) 2015-12-23

[21] **3,008,747**
[13] A1
[51] **Int.Cl. C07D 403/12 (2006.01) A61K 31/4025 (2006.01) A61K 31/407 (2006.01) A61P 25/28 (2006.01) A61P 35/00 (2006.01) C07D 207/09 (2006.01) C07D 401/12 (2006.01) C07D 403/14 (2006.01) C07D 413/12 (2006.01) C07D 417/12 (2006.01) C07D 417/14 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **NOVEL COMPOUNDS**
[54] **NOUVEAUX COMPOSES**
[72] KEMP, MARK IAN, GB
[72] STOCKLEY, MARTIN LEE, GB
[72] MADIN, ANDREW, GB
[71] MISSION THERAPEUTICS LIMITED, GB
[85] 2018-06-15
[86] 2016-12-16 (PCT/GB2016/053971)
[87] (WO2017/103614)
[30] GB (1522267.2) 2015-12-17

[21] **3,008,748**
[13] A1
[51] **Int.Cl. C09D 183/02 (2006.01) C04B 24/42 (2006.01) C04B 28/24 (2006.01) C09D 183/04 (2006.01)**
[25] EN
[54] **COATING COMPOSITIONS AND TREATING METHOD**
[54] **COMPOSITIONS DE REVETEMENT ET PROCEDE DE TRAITEMENT**
[72] BOSTROM, HERJE, SE
[72] GEVERT, BORJE, SE
[71] SIOO FARGKULTUR AB, SE
[85] 2018-06-15
[86] 2016-12-23 (PCT/EP2016/082562)
[87] (WO2017/109174)
[30] SE (1551715-4) 2015-12-23
[30] US (62/387,233) 2015-12-23

[21] **3,008,749**
[13] A1
[51] **Int.Cl. A61K 31/7068 (2006.01) A61K 33/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY**
[54] **POLYTHERAPIE**
[72] GRIFFITH, HUGH, GB
[71] NUCANA PLC, GB
[85] 2018-06-15
[86] 2016-12-21 (PCT/GB2016/054018)
[87] (WO2017/109486)
[30] GB (PCT/GB2015/054158) 2015-12-23
[30] GB (1609770.1) 2016-06-03

[21] **3,008,750**
[13] A1
[51] **Int.Cl. F17C 13/02 (2006.01)**
[25] FR
[54] **METHOD AND SYSTEM FOR CALCULATING, IN REAL-TIME, THE DURATION OF AUTONOMY OF A NON-REFRIGERATED TANK CONTAINING LNG**
[54] **PROCEDE ET SYSTEME POUR CALCULER EN TEMPS REEL LA DUREE D'AUTONOMIE D'UNE CUVE NON REFRIGEREE CONTENANT DU GNL**
[72] BEN BELGACEM-STREK, MICHEL, FR
[72] ZELLOUF, YACINE, FR
[72] LEGRAND, FREDERIC, FR
[71] ENGIE, FR
[85] 2018-06-15
[86] 2016-12-16 (PCT/FR2016/053518)
[87] (WO2017/103531)
[30] FR (1562854) 2015-12-18

[21] **3,008,751**
[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/08 (2006.01) A61K 31/7072 (2006.01) A61K 31/7076 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **FORMULATIONS OF PHOSPHORAMIDATE DERIVATIVES OF NUCLEOSIDE DRUGS**
[54] **FORMULATIONS DE MEDICAMENTS A BASE DE DERIVES PHOSPHORAMIDATE DE NUCLEOSIDES**
[72] KENNOVIN, GORDON, GB
[72] GRIFFITH, HUGH, GB
[71] NUCANA PLC, GB
[85] 2018-06-15
[86] 2016-12-21 (PCT/GB2016/054025)
[87] (WO2017/109491)
[30] GB (1522764.8) 2015-12-23

[21] **3,008,752**
[13] A1
[51] **Int.Cl. B29C 70/54 (2006.01) B29C 70/20 (2006.01) B32B 5/12 (2006.01)**
[25] EN
[54] **FIBER COMPOSITE COMPONENT, STRUCTURAL COMPONENT, AND PRODUCTION METHOD**
[54] **COMPOSANTS RENFORCES PAR DES FIBRES ET COMPOSANTS STRUCTURELS AINSI QUE PROCEDE DE FABRICATION**
[72] RUBNER, FLORIAN, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2018-06-15
[86] 2016-12-22 (PCT/EP2016/082288)
[87] (WO2017/118578)
[30] DE (10 2016 100 191.0) 2016-01-06

[21] **3,008,753**
[13] A1
[51] **Int.Cl. A61K 9/12 (2006.01) A61K 31/573 (2006.01) A61K 47/10 (2017.01) A61K 47/44 (2017.01)**
[25] EN
[54] **HALOBETASOL FOAM COMPOSITION AND METHOD OF USE THEREOF**
[54] **COMPOSITION DE MOUSSE D'HALOBETASOL ET PROCEDE D'UTILISATION**
[72] GAUTHIER, ROBERT T., US
[72] HAMMER, JAMES D., US
[71] THERAPEUTICS INC., US
[85] 2018-06-15
[86] 2016-11-30 (PCT/IB2016/057227)
[87] (WO2017/103719)
[30] US (62/267,749) 2015-12-15

[21] **3,008,754**
[13] A1
[51] **Int.Cl. B03C 1/00 (2006.01) B01D 47/18 (2006.01) B01D 53/18 (2006.01) F24F 6/06 (2006.01)**
[25] EN
[54] **SYSTEM FOR TRANSFERRING MASS WITH THE CAPTURING OF SOLIDS VIA THE INDUCTION OF AN ELECTROMAGNETIC FIELD**
[54] **SYSTEME DE TRANSFERT SUR MEMBRANE DE MASSE A CAPTURE DE SOLIDES PAR INDUCTION DE CHAMP ELECTROMAGNETIQUE**
[72] RAMOS DE LA FUENTE, RUBEN, MX
[71] MIZRAHI AKSIYOTE, ALDO ADOLFO, MX
[71] RAMOS DE LA FUENTE, RUBEN, MX
[71] HIGAREDA JUAREZ, CARLOS, MX
[85] 2018-06-15
[86] 2015-12-17 (PCT/IB2015/059703)
[87] (WO2017/103656)

[21] **3,008,755**
[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/02 (2006.01) A61K 31/216 (2006.01)**
[25] EN
[54] **URETHRAL DEVICES FOR TREATMENT OF PATHOLOGICAL UROLOGICAL CONDITIONS**
[54] **DISPOSITIFS URETRAUX POUR LE TRAITEMENT DE PATHOLOGIES UROLOGIQUES**
[72] VON STETTEN, OTTO, DE
[72] BECCIOLINI, JEAN-JAQUES, CH
[72] NIDA, TERRY, US
[71] INURA MEDICAL AG, CH
[85] 2018-06-15
[86] 2017-02-01 (PCT/EP2017/052131)
[87] (WO2017/134094)
[30] GB (1601855.8) 2016-02-02

[21] **3,008,756**
[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/12 (2006.01) A61K 31/573 (2006.01) A61K 47/10 (2017.01) A61K 47/26 (2006.01)**
[25] EN
[54] **CORTICOSTEROID CONTAINING FOAM COMPOSITIONS AND METHOD OF MANUFACTURE THEREOF**
[54] **CORTICOSTEROIDE CONTENANT DES COMPOSITIONS DE MOUSSE ET SON PROCEDE DE FABRICATION**
[72] GAUTHIER, ROBERT T., US
[72] HAMMER, JAMES D., US
[72] ALDEN, WAYNE S., IV, US
[71] THERAPEUTICS INC., US
[85] 2018-06-15
[86] 2016-11-30 (PCT/IB2016/057229)
[87] (WO2017/103720)
[30] US (62/267,773) 2015-12-15

[21] **3,008,757**
[13] A1
[51] **Int.Cl. C02F 1/461 (2006.01) C02F 1/46 (2006.01)**
[25] EN
[54] **AN ELECTROCHEMICAL REACTOR FOR ELECTROCHEMICALLY TREATING WATER, A WATER TREATMENT APPARATUS AND USE OF SUCH SAID ELECTROCHEMICAL REACTOR**
[54] **REACTEUR ELECTROCHIMIQUE POUR TRAITEMENT ELECTROCHIMIQUE D'EAU, APPAREIL DE TRAITEMENT D'EAU ET UTILISATION DUDIT REACTEUR ELECTROCHIMIQUE**
[72] MARTIKAINEN, MIKA, FI
[72] KARHU, MIKKO, FI
[72] LUUKKONEN, MATTI, FI
[72] ISOMAKI, NIKO, FI
[72] VAN DER MEER, TUOMAS, FI
[71] OUTOTEC (FINLAND) OY, FI
[85] 2018-06-15
[86] 2016-12-21 (PCT/FI2016/050904)
[87] (WO2017/109284)
[30] FI (20155993) 2015-12-22

[21] **3,008,758**
[13] A1
[51] **Int.Cl. C11D 1/00 (2006.01)**
[25] EN
[54] **BIODEGRADABLE DETERGENT COMPOSITION**
[54] **COMPOSITION DETERGENTE BIODEGRADABLE**
[72] SANKARAKUMARA PILLAI, SIVARAMAKRISHNA PILLAI, IN
[72] B., CHANDRASEKHAR, IN
[72] T. MATTHEW, WOOD, US
[72] NARIN, TIPSRISUKOND, US
[71] PROKLEAN TECHNOLOGIES PVT. LTD, IN
[71] SUSTAINABLE COMMUNITY DEVELOPMENT, LLC, US
[85] 2018-06-15
[86] 2016-12-16 (PCT/IN2016/050445)
[87] (WO2017/103947)
[30] IN (6941/CHE/2015) 2015-12-17

[21] **3,008,759**
[13] A1
[51] **Int.Cl. F24F 6/10 (2006.01) A61L 9/03 (2006.01) B01D 47/02 (2006.01)**
[25] EN
[54] **HIGH-EFFICIENCY SYSTEM AND DEVICE IN MASS TRANSFER**
[54] **SYSTEME ET APPAREIL DE HAUTE EFFICACITE DANS LE TRANSFERT DE MASSE**
[72] RAMOS DE LA FUENTE, RUBEN, MX
[71] MIZRAHI AKSIYOTE, ALDO ADOLFO, MX
[71] RAMOS DE LA FUENTE, RUBEN, MX
[71] HIGAREDA JUAREZ, CARLOS, MX
[85] 2018-06-15
[86] 2015-12-17 (PCT/IB2015/059704)
[87] (WO2017/103657)

[21] **3,008,760**
[13] A1
[51] **Int.Cl. H01B 7/04 (2006.01)**
[25] EN
[54] **DOWNHOLE CABLE WITH REDUCED DIAMETER**
[54] **CABLE DE FOND DE TROU A DIAMETRE REDUIT**
[72] LOWELL, MARK EDMUND, US
[72] WIENCEK, EDWARD, US
[72] DENNE, MARK, US
[72] BODZIONY, MATTHEW, US
[71] PRYSMIAN S.P.A., IT
[85] 2018-06-15
[86] 2016-12-22 (PCT/IB2016/001909)
[87] (WO2017/115131)
[30] US (14/980,218) 2015-12-28

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[21] **3,008,761**
[13] A1
[51] **Int.Cl. B01J 35/00 (2006.01) B01J 21/04 (2006.01) B01J 23/10 (2006.01) B01J 23/42 (2006.01) B01J 23/44 (2006.01) B01J 37/02 (2006.01) F01N 3/08 (2006.01) F01N 3/10 (2006.01) F01N 3/20 (2006.01)**
[25] EN
[54] **CATALYST SYSTEM FOR LEAN GASOLINE DIRECT INJECTION ENGINES**
[54] **SYSTEME DE CATALYSEUR POUR MOTEURS A INJECTION DIRECTE D'ESSENCE A MELANGE PAUVRE**
[72] XUE, WEN-MEI, US
[72] SIANI, ATTILIO, DE
[72] HOCHMUTH, JOHN K., US
[71] BASF CORPORATION, US
[85] 2018-06-15
[86] 2016-12-15 (PCT/IB2016/057684)
[87] (WO2017/103855)
[30] US (62/268,019) 2015-12-16

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[21] **3,008,762**
[13] A1
[51] **Int.Cl. F16L 11/10 (2006.01) B32B 1/08 (2006.01) F16L 11/12 (2006.01)**
[25] EN
[54] **GIMBAL HOSE**
[54] **TUYAU CARDAN**
[72] HAIGHT, RICHARD, CA
[71] WEIR CANADA, INC., CA
[85] 2018-06-15
[86] 2016-12-08 (PCT/IB2016/057450)
[87] (WO2017/103746)
[30] US (62/269,335) 2015-12-18

---

[21] **3,008,763**
[13] A1
[51] **Int.Cl. B65D 33/22 (2006.01)**
[25] EN
[54] **SEALABLE BAG AND METHOD OF SEALING THE SAME**
[54] **SAC SCELLABLE ET SON PROCEDE DE SCELLEMENT**
[72] STEVENS, RICHARD, GB
[71] FLEXIPOL PACKAGING LTD, GB
[85] 2018-06-15
[86] 2016-12-20 (PCT/GB2016/053998)
[87] (WO2017/109473)
[30] GB (1522659.0) 2015-12-22

---

[21] **3,008,764**
[13] A1
[51] **Int.Cl. H04W 24/10 (2009.01)**
[25] EN
[54] **METHOD FOR TRIGGERING FREESTANDING RADIO RESOURCE CONTROL REPORT**
[54] **PROCEDE POUR DECLENCHER UN RAPPORT DE COMMANDE DE RESSOURCE RADIO AUTONOME**
[72] TOMALA, MALGORZATA, PL
[72] HENTTONEN, TERO, FI
[71] NOKIA TECHNOLOGIES OY, FI
[85] 2018-06-15
[86] 2016-12-09 (PCT/IB2016/057509)
[87] (WO2017/103756)
[30] US (62/269,153) 2015-12-18

---

[21] **3,008,765**
[13] A1
[51] **Int.Cl. H01Q 1/18 (2006.01) F16F 9/02 (2006.01) F16F 13/00 (2006.01) H01Q 1/28 (2006.01)**
[25] EN
[54] **COMPACT STABILIZED POINTING SYSTEM**
[54] **SYSTEME DE POINTAGE STABILISE COMPACT**
[72] SANSONE, FRANCESCO, IT
[72] FRANCESCONI, ALESSANDRO, IT
[71] STELLAR PROJECT S.R.L., IT
[85] 2018-06-15
[86] 2016-12-16 (PCT/IB2016/057714)
[87] (WO2017/115204)
[30] IT (102015000088006) 2015-12-28

---

[21] **3,008,766**
[13] A1
[51] **Int.Cl. B04C 5/081 (2006.01) B04C 5/085 (2006.01) B04C 5/103 (2006.01) B04C 11/00 (2006.01)**
[25] EN
[54] **CONTROLLED TURBULENT BREAKUP FLOW**
[54] **FLUX A RUPTURE D'ECOULEMENT PAR DES TURBULENCES COMMANDEES**
[72] SUTHERLAND, KEVIN, US
[72] KNORR, BRIAN, US
[72] GRONVALL, LARS, SE
[71] METSO MINERALS INDUSTRIES, INC., US
[85] 2018-06-15
[86] 2016-12-15 (PCT/IB2016/057666)
[87] (WO2017/103846)
[30] US (14/974,441) 2015-12-18

---

[21] **3,008,767**
[13] A1
[51] **Int.Cl. G03G 15/08 (2006.01)**
[25] EN
[54] **DEVELOPING CARTRIDGE**
[54] **CARTOUCHE DE DEVELOPPEMENT**
[72] ITABASHI, NAO, JP
[72] YOKOI, JUNICHI, JP
[71] BROTHER KOGYO KABUSHIKI KAISHA, JP
[85] 2018-06-15
[86] 2016-08-26 (PCT/JP2016/075014)
[87] (WO2017/110142)
[30] JP (2015-254201) 2015-12-25

---

[21] **3,008,768**
[13] A1
[51] **Int.Cl. H01M 8/04228 (2016.01) H01M 8/04303 (2016.01) H01M 8/04 (2016.01) H01M 8/12 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM AND CONTROLLING METHOD OF SAME**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET SON PROCEDE DE COMMANDE**
[72] SATO, YUICHI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-06-15
[86] 2016-09-26 (PCT/JP2016/078211)
[87] (WO2017/104210)
[30] JP (2015-244487) 2015-12-15

[21] **3,008,769**
[13] A1
[51] **Int.Cl. A61K 31/7068 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY**
[54] **TRAITEMENT COMBINE**
[72] GRIFFITH, HUGH, GB
[71] NUCANA PLC, GB
[85] 2018-06-15
[86] 2015-12-23 (PCT/GB2015/054158)
[87] (WO2017/109444)

[21] **3,008,770**
[13] A1
[51] **Int.Cl. H01M 8/0202 (2016.01) H01M 8/12 (2016.01)**
[25] EN
[54] **FUEL CELL STACK**
[54] **EMPILEMENT DE PILES A COMBUSTIBLE**
[72] YAJIMA, KENTAROU, JP
[72] YANAGISAWA, MASANARI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-06-15
[86] 2016-09-30 (PCT/JP2016/079118)
[87] (WO2017/104226)
[30] JP (2015-244453) 2015-12-15

[21] **3,008,771**
[13] A1
[51] **Int.Cl. B60W 30/06 (2006.01) B60W 40/02 (2006.01) G06T 7/60 (2017.01) B60R 21/00 (2006.01) G08G 1/16 (2006.01)**
[25] EN
[54] **PARKING SUPPORT METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF D'AIDE AU STATIONNEMENT**
[72] KOJO, NAOKI, JP
[72] KUROTOBI, TOMOKO, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-06-15
[86] 2016-08-01 (PCT/JP2016/072493)
[87] (WO2017/104163)
[30] JP (2015-246109) 2015-12-17

[21] **3,008,772**
[13] A1
[51] **Int.Cl. H01M 8/04228 (2016.01) H01M 8/04303 (2016.01) H01M 8/04 (2016.01) H01M 8/12 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM AND CONTROL METHOD FOR FUEL CELL SYSTEM**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET PROCEDE DE COMMANDE POUR SYSTEME DE PILE A COMBUSTIBLE**
[72] SHIOMI, TAKESHI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-06-15
[86] 2016-11-08 (PCT/JP2016/083122)
[87] (WO2017/104301)
[30] JP (2015-244426) 2015-12-15

[21] **3,008,773**
[13] A1
[51] **Int.Cl. C04B 28/14 (2006.01) C04B 11/00 (2006.01)**
[25] EN
[54] **METHOD FOR THE PRODUCTION OF GYPSUM-BASED BOARDS AND STUCCO SLURRY COMPRISING NON-PREGELATINIZED MIGRATORY STARCH FOR USE THEREWITH**
[54] **PROCEDE DE PRODUCTION DE PANNEAUX A BASE DE PLATRE ET DE PATE LIQUIDE DE STUC COMPRENANT DE L'AMIDON NON PRE-GELATINISE MIGRATOIRE DESTINE A ETRE UTILISE DANS CE PROCEDE**
[72] MORLAT, RICHARD, FR
[72] FLETCHER, JAMES, GB
[72] KAMLER, RADOMIR, CZ
[71] SAINT-GOBAIN PLACO SAS, FR
[85] 2018-06-15
[86] 2016-12-14 (PCT/GB2016/053930)
[87] (WO2017/109459)
[30] GB (1522664.0) 2015-12-22

[21] **3,008,774**
[13] A1
[51] **Int.Cl. A61K 31/202 (2006.01) A61P 3/08 (2006.01) A61P 17/06 (2006.01) A61P 25/00 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING 15-HEPE AND METHODS OF USING THE SAME**
[54] **COMPOSITIONS A BASE DE 15-HEPE ET LEURS METHODES D'UTILISATION**
[72] COUGHLAN, DAVID, IE
[72] CLIMAX, JOHN, IE
[71] AFIMMUNE LIMITED, IE
[85] 2018-06-15
[86] 2016-12-19 (PCT/IB2016/001878)
[87] (WO2017/103671)
[30] US (62/269,280) 2015-12-18

[21] **3,008,775**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PD-1 ANTIBODIES**
[54] **ANTICORPS ANTI-PD-1**
[72] TSUN, ANDY, CN
[72] CHEN, CHENG, CN
[72] LIU, XIAOLIN, CN
[72] YU, DE-CHAO MICHAEL, CN
[71] INNOVENT BIOLOGICS (SUZHOU) CO., LTD, CN
[85] 2018-06-15
[86] 2016-10-15 (PCT/CN2016/102238)
[87] (WO2018/068336)

[21] **3,008,776**
[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) C07D 401/10 (2006.01) C07D 401/12 (2006.01)**
[25] EN
[54] **INDANE DERIVATIVES AND THE USE THEREOF AS SOLUBLE GUANYLATE CYCLASE ACTIVATORS**
[54] **DERIVES D'INDANE ET LEUR UTILISATION COMME ACTIVATEURS DE LA GUANYLATE CYCLASE SOLUBLE**
[72] ADAMS, CHRISTOPHER, US
[72] EHARA, TAKERU, US
[71] NOVARTIS AG, CH
[85] 2018-06-15
[86] 2016-12-16 (PCT/IB2016/057737)
[87] (WO2017/103888)
[30] US (62/269,408) 2015-12-18
[30] US (62/269,435) 2015-12-18

[21] **3,008,777**
[13] A1
[51] **Int.Cl. H01M 8/04 (2016.01) H01M 8/04225 (2016.01) H01M 8/04228 (2016.01) H01M 8/04302 (2016.01) H01M 8/04303 (2016.01) H01M 8/06 (2016.01) H01M 8/12 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM AND CONTROL METHOD FOR FUEL CELL SYSTEM**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET PROCEDE DE COMMANDE DE SYSTEME DE PILE A COMBUSTIBLE**
[72] OKADA, KEIJI, JP
[72] YAJIMA, KENTAROU, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-06-15
[86] 2016-11-10 (PCT/JP2016/083369)
[87] (WO2017/104316)
[30] JP (2015-243981) 2015-12-15

[21] **3,008,778**
[13] A1
[51] **Int.Cl. B01D 53/62 (2006.01) C01B 32/50 (2017.01) B01D 53/14 (2006.01) B01D 53/50 (2006.01) B01D 53/78 (2006.01)**
[25] EN
[54] **CO2 RECOVERY DEVICE AND RECOVERY METHOD**
[54] **DISPOSITIF DE RECUPERATION ET PROCEDE DE RECUPERATION DE CO2**
[72] TANAKA, HIROSHI, JP
[72] HIRATA, TAKUYA, JP
[72] KAMIJO, TAKASHI, JP
[72] TSUJIUCHI, TATSUYA, JP
[71] MITSUBISHI HEAVY INDUSTRIES ENGINEERING, LTD., JP
[85] 2018-06-15
[86] 2016-12-12 (PCT/JP2016/086881)
[87] (WO2017/122478)
[30] JP (2016-005486) 2016-01-14

[21] **3,008,779**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 9/08 (2006.01) A61K 9/16 (2006.01) A61K 9/19 (2006.01) A61K 47/02 (2006.01) A61K 47/12 (2006.01) A61K 47/18 (2017.01) A61K 47/22 (2006.01) A61K 47/34 (2017.01) A61P 37/08 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION COMPRISING ANTI-HUMAN TSLP RECEPTOR ANTIBODY**
[54] **COMPOSITION PHARMACEUTIQUE CONTENANT UN ANTICORPS ANTI-RECEPTEUR DE LA TSLP HUMAINE**
[72] IKEDA, MEGUMI, JP
[72] CHIKUSHI, AKINORI, JP
[71] ASTELLAS PHARMA INC., JP
[85] 2018-06-15
[86] 2016-12-16 (PCT/JP2016/087480)
[87] (WO2017/104778)
[30] JP (2015-246826) 2015-12-18

[21] **3,008,780**
[13] A1
[51] **Int.Cl. A61K 36/00 (2006.01) A61K 36/906 (2006.01)**
[25] EN
[54] **COMPOSITION FOR TREATING AND PREVENTING NEUROLOGICAL DISEASES, NEUROINFLAMMATION, AND ALZHEIMER'S DISEASE**
[54] **COMPOSITION POUR TRAITER ET PREVENIR DES MALADIES NEUROLOGIQUES, LA NEUROINFLAMMATION ET LA MALADIE D'ALZHEIMER**
[72] COSTIN, JOSHUA M., US
[72] WILLIAMS, JOHN M., US
[72] RELKIN, NORMAN, US
[72] LI, DAN, US
[71] HSRX GROUP, LLC, US
[85] 2018-06-15
[86] 2016-12-16 (PCT/IB2016/057741)
[87] (WO2017/103892)
[30] US (62/268,371) 2015-12-16
[30] US (62/345,375) 2016-06-03

[21] **3,008,781**
[13] A1
[51] **Int.Cl. F16L 15/04 (2006.01) C23C 28/00 (2006.01) E21B 17/042 (2006.01)**
[25] EN
[54] **THREADED CONNECTION FOR PIPE OR TUBE AND METHOD FOR PRODUCING THE THREADED CONNECTION FOR PIPE OR TUBE**
[54] **JOINT A VIS POUR TUBE ET PROCEDE DE FABRICATION DE CELUI-CI**
[72] GOTO, KUNIO, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[71] VALLOUREC OIL AND GAS FRANCE, FR
[85] 2018-06-15
[86] 2016-12-16 (PCT/JP2016/087611)
[87] (WO2017/110686)
[30] JP (2015-254027) 2015-12-25

[21] **3,008,782**
[13] A1
[51] **Int.Cl. B62D 25/20 (2006.01)**
[25] EN
[54] **VEHICLE REAR PORTION STRUCTURE**
[54] **STRUCTURE ARRIERE DE VEHICULE**
[72] NAKAZAWA, YOSHIAKI, JP
[72] NISHIMURA, RYUICHI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2018-06-15
[86] 2017-01-06 (PCT/JP2017/000223)
[87] (WO2017/119472)
[30] JP (2016-000881) 2016-01-06

---

[21] **3,008,783**
[13] A1
[51] **Int.Cl. F02M 35/02 (2006.01) B01D 45/12 (2006.01) B01D 46/00 (2006.01) B01D 46/52 (2006.01) B01D 50/00 (2006.01) F02B 63/00 (2006.01) F02M 35/022 (2006.01) F02M 35/024 (2006.01) F02M 35/04 (2006.01) F02M 35/08 (2006.01)**
[25] EN
[54] **AIR CLEANER**
[54] **FILTRE A AIR**
[72] GOMIBUCHI, SHOTA, JP
[72] HASHIMOTO, MANABU, JP
[72] YAMAZAKI, WATARU, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2018-06-15
[86] 2017-01-06 (PCT/JP2017/000336)
[87] (WO2017/130664)
[30] JP (2016-011699) 2016-01-25

---

[21] **3,008,784**
[13] A1
[51] **Int.Cl. F02M 35/02 (2006.01) B01D 45/12 (2006.01) B01D 46/00 (2006.01) B01D 46/52 (2006.01) B01D 50/00 (2006.01) F02B 63/00 (2006.01) F02M 35/022 (2006.01) F02M 35/024 (2006.01) F02M 35/04 (2006.01) F02M 35/08 (2006.01)**
[25] EN
[54] **INTERNAL COMBUSTION ENGINE HAVING AIR CLEANER**
[54] **MOTEUR A COMBUSTION INTERNE AYANT UN EPURATEUR D'AIR**
[72] GOMIBUCHI, SHOTA, JP
[72] HASHIMOTO, MANABU, JP
[72] NINOMIYA, YUSUKE, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2018-06-15
[86] 2017-01-06 (PCT/JP2017/000339)
[87] (WO2017/130666)
[30] JP (2016-011708) 2016-01-25

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[21] **3,008,785**
[13] A1
[51] **Int.Cl. C13K 1/02 (2006.01) C12P 7/10 (2006.01) C12P 19/14 (2006.01)**
[25] EN
[54] **SACCHARIFICATION REACTION MIXTURE, SACCHARIFICATION ENZYME COMPOSITION, SUGAR PRODUCTION METHOD, AND ETHANOL PRODUCTION METHOD**
[54] **LIQUIDE DE REACTION DE SACCHARIFICATION, COMPOSITION ENZYMATIQUE DE SACCHARIFICATION, PROCEDE DE PRODUCTION DE SUCRE, ET PROCEDE DE PRODUCTION D'ETHANOL**
[72] ODAKA, KAZUTOSHI, JP
[72] SEKIGUCHI, KAZUTOSHI, JP
[71] NISSAN CHEMICAL INDUSTRIES, LTD., JP
[85] 2018-06-15
[86] 2017-10-12 (PCT/JP2017/037014)
[87] (WO2018/070478)
[30] JP (2016-203027) 2016-10-14

---

[21] **3,008,786**
[13] A1
[51] **Int.Cl. C07K 16/18 (2006.01) A61K 39/395 (2006.01) A61P 1/04 (2006.01) A61P 11/00 (2006.01) A61P 35/00 (2006.01) A61P 37/08 (2006.01) C07K 16/46 (2006.01) C12N 15/09 (2006.01)**
[25] EN
[54] **ANTI-MYL9 ANTIBODY**
[54] **ANTICORPS ANTI-MYL9**
[72] NAKAYAMA, TOSHINORI, JP
[72] KIMURA, MOTOKO, JP
[72] HAYASHIZAKI, KOJI, JP
[72] HIRAYAMA, TOSHIFUMI, JP
[72] KAKUTA, JUNGO, JP
[72] SAKAMOTO, YOSHIMASA, JP
[72] GEJIMA, RYU, JP
[72] TOKITA, DAISUKE, JP
[72] MURAMOTO, KENZO, JP
[72] IMAI, TOSHIO, JP
[71] NATIONAL UNIVERSITY CORPORATION CHIBA UNIVERSITY, JP
[71] EISAI R&D MANAGEMENT CO., LTD., JP
[85] 2018-06-15
[86] 2017-01-11 (PCT/JP2017/000605)
[87] (WO2017/122666)
[30] JP (2016-003429) 2016-01-12

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[21] **3,008,787**
[13] A1
[51] **Int.Cl. C11D 17/06 (2006.01) C11D 3/00 (2006.01) C11D 3/37 (2006.01)**
[25] EN
[54] **LAUNDRY SHEET COMPRISING FUNCTIONAL GRANULES**
[54] **LINGETTE DE LESSIVE COMPRENANT DES GRANULES FONCTIONNELS**
[72] CHO, MIN-SEOK, KR
[72] JO, MUN-SEONG, KR
[72] CHA, KYUNG-ON, KR
[72] KIM, JAE-HYUN, KR
[71] LG HOUSEHOLD & HEALTH CARE LTD., KR
[85] 2018-06-15
[86] 2016-12-16 (PCT/KR2016/014803)
[87] (WO2017/105131)
[30] KR (10-2015-0180978) 2015-12-17
[30] KR (10-2016-0067653) 2016-05-31

[21] **3,008,788**
[13] A1
[51] **Int.Cl. A61K 9/107 (2006.01) A61K 9/00 (2006.01) A61K 31/7088 (2006.01) A61K 47/14 (2017.01) A61K 47/30 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING POLYMERIC MICELLES CONTAINING AN ANIONIC DRUG**
[54] **PROCEDE DE PREPARATION DE MICELLE POLYMERE CONTENANT UN MEDICAMENT ANIONIQUE**
[72] NAM, HYE YEONG, KR
[72] KIM, SANG-HEE, KR
[72] SEO, MIN-HYO, KR
[72] SON, JI-YEON, KR
[71] SAMYANG BIOPHARMACEUTICALS CORPORATION, KR
[85] 2018-06-15
[86] 2016-12-16 (PCT/KR2016/014821)
[87] (WO2017/105138)
[30] KR (10-2015-0182265) 2015-12-18

[21] **3,008,789**
[13] A1
[51] **Int.Cl. C09D 5/03 (2006.01)**
[25] EN
[54] **IMPACT RESISTANT COATING COMPOSITIONS**
[54] **COMPOSITIONS DE REVETEMENT RESISTANT AUX CHOCS**
[72] LARIMER, TROY J., US
[72] SCHNEIDER, JOHN R., US
[72] TOOLIS, AMY L., US
[72] CHASSER, ANTHONY M., US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2018-06-15
[86] 2016-12-14 (PCT/US2016/066531)
[87] (WO2017/106269)
[30] US (14/972,128) 2015-12-17

[21] **3,008,790**
[13] A1
[51] **Int.Cl. A61K 31/4188 (2006.01) A61K 45/06 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **2-IMINOBIOTIN FOR USE IN THE TREATMENT OF BRAIN CELL INJURY**
[54] **2-IMINOBIOTINE DANS LE TRAITEMENT D'UNE LESION DES CELLULES DU CERVEAU**
[72] LEUFKENS, PAUL WILLEM THERESIA JOSEF, NL
[72] PEETERS, CACHA MARIE PETRONELLE CATHERINE DOROTHEE, NL
[72] TJABBES, HUIBERT ALEXANDER, NL
[71] NEUROPHYXIA B.V., NL
[85] 2018-06-15
[86] 2016-12-16 (PCT/NL2016/050880)
[87] (WO2017/105237)
[30] EP (15200492.5) 2015-12-16

[21] **3,008,791**
[13] A1
[51] **Int.Cl. A61L 2/16 (2006.01) A01N 31/06 (2006.01) A61K 31/7004 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **ANTIBACTERIAL COMPOSITION CONTAINING A DEOXYHEXOSE ALKYL MONOACETAL OR MONOETHER**
[54] **COMPOSITION ANTIBACTERIENNE CONTENANT UN MONOETHER OU UN MONOACETAL D'ALKYLE DE DESOXYHEXOSE**
[72] GOZLAN, CHARLOTTE, FR
[72] BELMESSIERI, DORINE, FR
[72] DUCLOS, MARIE-CHRISTINE, FR
[72] DUGUET, NICOLAS, FR
[72] LEMAIRE, MARC, FR
[72] LINA, GERARD, FR
[72] DUMITRESCU, OANA, FR
[72] REDL, ANDREAS, BE
[71] TEREOS STARCH & SWEETENERS BELGIUM, BE
[71] UNIVERSITE CLAUDE BERNARD LYON 1, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2018-06-15
[86] 2016-12-19 (PCT/IB2016/057780)
[87] (WO2017/103904)
[30] FR (15/02629) 2015-12-17

[21] **3,008,792**
[13] A1
[51] **Int.Cl. G01P 15/08 (2006.01) B60R 21/0132 (2006.01) B60R 22/40 (2006.01)**
[25] EN
[54] **A VARIABLE BEHAVIOUR CONTROL MECHANISM FOR A MOTIVE SYSTEM**
[54] **MECANISME DE COMMANDE DE COMPORTEMENT VARIABLE POUR UN SYSTEME MOTEUR**
[72] DIEHL, ANDREW KARL, NZ
[72] SCOTT, PETER, NZ
[72] WOODS, BENJAMIN, NZ
[72] FROST, LINCOLN, NZ
[71] EDDY CURRENT LIMITED PARTNERSHIP, NZ
[85] 2018-06-15
[86] 2016-12-16 (PCT/NZ2016/050200)
[87] (WO2017/105255)
[30] NZ (715391) 2015-12-18

[21] **3,008,793**
[13] A1
[51] **Int.Cl. A61M 11/00 (2006.01) A61M 15/00 (2006.01)**
[25] EN
[54] **INHALANT DEVICE**
[54] **DISPOSITIF D'INHALATION**
[72] CASHMAN, KATHRYN, US
[72] HAARLANDER, MICHAEL, US
[71] CASHMAN, KATHRYN, US
[71] HAARLANDER, MICHAEL, US
[85] 2018-06-15
[86] 2016-06-16 (PCT/US2016/037898)
[87] (WO2016/205537)
[30] US (62/180,591) 2015-06-16
[30] US (62/302,484) 2016-03-02

[21] **3,008,795**
[13] A1
[51] **Int.Cl. B65B 67/02 (2006.01) B65G 1/137 (2006.01)**
[25] EN
[54] **PICK OR PUT STATION WITH CONTROLLABLE RECEPTACLE EXCHANGE**
[54] **POSTE DE PRELEVEMENT OU DE DEPOSE AVEC ECHANGE COMMANDABLE DE RECEPTACLES**
[72] SPAULDING, DAVID L., US
[72] SCIOG, ROBERT C., US
[71] DEMATIC CORP., US
[85] 2018-06-15
[86] 2016-12-19 (PCT/IB2016/057798)
[87] (WO2017/109682)
[30] US (62/270,636) 2015-12-22

[21] **3,008,796**
[13] A1
[51] **Int.Cl. G06N 99/00 (2010.01)**
[25] EN
[54] **PROGRAMMABLE UNIVERSAL QUANTUM ANNEALING WITH CO-PLANAR WAVEGUIDE FLUX QUBITS**
[54] **RECUIT QUANTIQUE UNIVERSEL PROGRAMMABLE A BITS QUANTIQUES DE FLUX DE GUIDE D'ONDES COPLANAIRE**
[72] BARZEGAR, ALIREZA SHABANI, US
[72] ROUSHAN, PEDRAM, US
[72] CHEN, YU, US
[72] NEVEN, HARTMUT, US
[71] GOOGLE LLC, US
[85] 2018-06-15
[86] 2015-12-16 (PCT/US2015/065995)
[87] (WO2017/105429)

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[21] **3,008,797**
[13] A1
[51] **Int.Cl. A61F 2/26 (2006.01)**
[25] EN
[54] **PENILE PROSTHESIS**
[54] **PROTHESE PENIENNE**
[72] TAL, MICHAEL G., IL
[72] LEON, ASSAF, IL
[72] GREENER, AMIT, IL
[72] SHACHRUR, SEFI, IL
[72] SANDACH, EYAL, IL
[71] FIDELIS MEDICAL LTD., IL
[85] 2018-06-15
[86] 2016-12-21 (PCT/IB2016/057892)
[87] (WO2017/109729)
[30] US (62/270,643) 2015-12-22

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[21] **3,008,798**
[13] A1
[51] **Int.Cl. A61K 38/18 (2006.01) A61F 2/18 (2006.01) A61P 19/00 (2006.01)**
[25] EN
[54] **SOLUBLE BONE MARROW PROTEIN COMPOSITIONS, METHODS OF MAKING, AND USES THEREOF**
[54] **COMPOSITIONS A BASE DE PROTEINES DE MOELLE OSSEUSE SOLUBLES, METHODES DE PRODUCTION, ET UTILISATIONS ASSOCIEES**
[72] GOVIL, AMIT PRAKASH, US
[72] CHOI, BRYAN, US
[72] JALOTA, SAHIL, US
[71] BIOLOGICA TECHNOLOGIES, US
[85] 2018-06-15
[86] 2016-10-12 (PCT/US2016/056617)
[87] (WO2017/066306)
[30] US (62/240,318) 2015-10-12
[30] US (62/240,348) 2015-10-12

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[21] **3,008,799**
[13] A1
[51] **Int.Cl. F27D 3/15 (2006.01) C21B 7/12 (2006.01) E21B 10/42 (2006.01) E21B 10/56 (2006.01)**
[25] EN
[54] **DRILL BIT, TAP HOLE DRILLING MACHINE EQUIPPED WITH SAID DRILL BIT, AND PROCESS FOR MAKING SAID DRILL BIT**
[54] **TREPAN, MACHINE DE FORAGE A TROU DE COULEE EQUIPEE DUDIT TREPAN, ET PROCESSUS DE FABRICATION DUDIT TREPAN**
[72] DIAZ VAQUERO, SHEILA, ES
[72] FERNANDEZ LOPEZ, JUAN JOSE, ES
[71] ARCELORMITTAL, LU
[85] 2018-06-15
[86] 2016-12-27 (PCT/IB2016/058020)
[87] (WO2017/115276)
[30] IB (PCT/IB2015/002426) 2015-12-29

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[21] **3,008,800**
[13] A1
[51] **Int.Cl. G08B 21/12 (2006.01) G01D 21/02 (2006.01) G08B 19/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING ENVIRONMENTAL MONITORING AND RESPONSE MEASURES IN CONNECTION WITH REMOTE SITES**
[54] **SYSTEMES ET PROCEDES POUR ASSURER UNE SURVEILLANCE ENVIRONNEMENTALE ET PRENDRE DES MESURES DE REPONSE RELATIVEMENT A DES SITES DISTANTS**
[72] SCHWARZKOPF, ALEXANDER, US
[72] JOYAL, MATHEW, US
[72] IACOBONE, SEAN, US
[71] PILLAR TECHNOLOGIES, INC., US
[85] 2018-06-15
[86] 2016-11-11 (PCT/US2016/061646)
[87] (WO2017/105699)
[30] US (62/268,260) 2015-12-16

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[21] **3,008,801**
[13] A1
[51] **Int.Cl. F16K 31/122 (2006.01) F16K 31/126 (2006.01) F16K 37/00 (2006.01)**
[25] EN
[54] **DETECTING AND SIGNALLING SYSTEM**
[54] **SYSTEME DE DETECTION ET DE SIGNALISATION**
[72] ZECCHI, STEFANO, IT
[72] BORGHESANI, OMERO, IT
[72] MONTI, ANDREA, IT
[71] O.M.T. OFFICINA MECCANICA TARTARINI S.R.L., IT
[85] 2018-06-15
[86] 2017-01-26 (PCT/IB2017/050412)
[87] (WO2017/130129)
[30] IT (102016000008150) 2016-01-27
[30] IT (202016000008172) 2016-01-27

[21] **3,008,802**
[13] A1
[51] **Int.Cl. F04B 47/06 (2006.01) F04B 51/00 (2006.01) F04D 13/10 (2006.01) F04D 15/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETECTING PUMP-OFF CONDITIONS AND CONTROLLING A MOTOR TO PREVENT FLUID POUND**
[54] **SYSTEMES ET PROCEDES DE DETECTION DE CONDITIONS D'ARRET DE POMPAGE ET DE COMMANDE D'UN MOTEUR POUR EVITER UN COUP DE BELIER**
[72] PANCHBHAI, SAYLEE P., US
[72] KANDEL, KURTIS, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-06-15
[86] 2016-11-18 (PCT/US2016/062775)
[87] (WO2017/087802)
[30] US (62/257,861) 2015-11-20

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[21] **3,008,804**
[13] A1
[51] **Int.Cl. A61B 5/0476 (2006.01) A61B 5/00 (2006.01) G06F 19/00 (2018.01)**
[25] EN
[54] **SYSTEM AND METHODS FOR NEUROLOGICAL MONITORING AND ASSISTED DIAGNOSIS**
[54] **SYSTEME ET PROCEDES DE SURVEILLANCE NEUROLOGIQUE ET DE DIAGNOSTIC ASSISTE**
[72] SINGER, MICHAEL E., US
[72] MAHOWALD, GREGORY W., US
[72] PRICHEP, LESLIE S., US
[72] GHOSH DISTIDAR, SAMANWOY, US
[71] BRAINSCOPE COMPANY, INC., US
[85] 2018-06-15
[86] 2016-11-21 (PCT/US2016/062993)
[87] (WO2017/116582)
[30] US (62/273,677) 2015-12-31

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[21] **3,008,805**
[13] A1
[51] **Int.Cl. B60C 1/00 (2006.01) C08L 7/00 (2006.01)**
[25] EN
[54] **A TIRE COMPRISING A TREAD**
[54] **PNEU COMPRENANT UNE BANDE DE ROULEMENT**
[72] ROTY, GAEL, JP
[72] FUKASAWA, HIROKO, JP
[72] WATANABE, MAKIKO, JP
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[85] 2018-06-15
[86] 2016-12-16 (PCT/JP2016/087483)
[87] (WO2017/104781)
[30] JP (PCT/JP2015/086151) 2015-12-17

---

[21] **3,008,806**
[13] A1
[51] **Int.Cl. G02C 7/04 (2006.01) B29D 11/00 (2006.01) G02C 7/02 (2006.01)**
[25] EN
[54] **METHODS FOR INCORPORATING LENS FEATURES AND LENSES HAVING SUCH FEATURES**
[54] **PROCEDES PERMETTANT D'INCORPORER DES CARACTERISTIQUES DE LENTILLES ET LENTILLES AYANT DE TELLES CARACTERISTIQUES**
[72] WILDSMITH, CHRISTOPHER, US
[72] SITES, PETER W., US
[72] KANAUJIA, MUKUL, US
[72] WOOD, JOE M., US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[85] 2018-06-15
[86] 2016-12-14 (PCT/US2016/066626)
[87] (WO2017/106322)
[30] US (14/975,472) 2015-12-18

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[21] **3,008,807**
[13] A1
[51] **Int.Cl. E21B 43/36 (2006.01) B01D 17/12 (2006.01)**
[25] EN
[54] **OIL-IN-WATER MONITORING**
[54] **SURVEILLANCE D'HUILE DANS L'EAU**
[72] YIN, XIAOLEI, US
[72] OLSON, MICHAEL D., US
[72] GRAVE, EDWARD J., US
[72] GUL, KAMRAN AHMED, US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2018-06-15
[86] 2016-12-01 (PCT/US2016/064475)
[87] (WO2017/105863)
[30] US (62/268,590) 2015-12-17
[30] US (62/424,137) 2016-11-18

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[21] **3,008,808**
[13] A1
[51] **Int.Cl. A01H 5/00 (2018.01) C07K 14/415 (2006.01) C12N 15/29 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **PLANT TRAITS CONFERRED BY ISOLATED POLYNUCLEOTIDES AND POLYPEPTIDES**
[54] **CARACTERISTIQUES DE PLANTE CONFEREES PAR DES POLYPEPTIDES ET POLYNUCLEOTIDES ISOLES**
[72] BROG, YAACOV MICHA, IL
[72] GALON WOLFENSON, YAEL, IL
[72] GOREN, SHLOMO ZEV, IL
[72] HILMAN, DROR, IL
[72] KARCHI, HAGAI, IL
[72] LIEBERMAN-LAZAROVICH, MICHAL, IL
[72] RIMON KNOPF, RONIT, IL
[72] VAN-OSS PINHASI, RUTH, IL
[71] EVOGENE LTD., IL
[85] 2018-06-15
[86] 2016-12-22 (PCT/IL2016/051371)
[87] (WO2017/115353)
[30] US (62/271,523) 2015-12-28
[30] US (62/355,451) 2016-06-28

[21] **3,008,809**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) C07K 16/00 (2006.01) C07K 16/44 (2006.01)**
[25] EN
[54] **ANTIBODIES TO RISPERIDONE AND USE THEREOF**
[54] **ANTICORPS ANTI-RISPERIDONE ET LEUR UTILISATION**
[72] SANKARAN, BANUMATHI, US
[72] DECORY, THOMAS R., US
[72] TUBBS, THERESA, US
[72] COLT, LINDA, US
[72] VLIEGEN, MAARTEN, BE
[72] HASPESLAGH, PIETER RIK, BE
[72] HRYHORENKO, ERIC, US
[71] JANSSEN PHARMACEUTICA NV, BE
[85] 2018-06-15
[86] 2016-12-15 (PCT/US2016/066931)
[87] (WO2017/106501)
[30] US (62/268,898) 2015-12-17

---

[21] **3,008,812**
[13] A1
[51] **Int.Cl. C07K 16/44 (2006.01) G01N 33/94 (2006.01)**
[25] EN
[54] **ANTIBODIES TO QUETIAPINE AND USE THEREOF**
[54] **ANTICORPS DIRIGES CONTRE LA QUETIAPINE ET UTILISATION ASSOCIEE**
[72] HRYHORENKO, ERIC, US
[72] SANKARAN, BANUMATHI, US
[72] DECORY, THOMAS R., US
[72] TUBBS, THERESA, US
[72] COLT, LINDA, US
[72] REMMERIE, BART M., BE
[72] SALTER, RHYS, US
[72] DONAHUE, MATTHEW G., US
[72] GONG, YONG, US
[71] JANSSEN PHARMACEUTICA NV, BE
[85] 2018-06-15
[86] 2016-12-15 (PCT/US2016/066940)
[87] (WO2017/106508)
[30] US (62/268,924) 2015-12-17

---

[21] **3,008,813**
[13] A1
[51] **Int.Cl. B65D 43/02 (2006.01)**
[25] EN
[54] **SEALABLE CONTAINER**
[54] **RECIPIENT SCELLABLE**
[72] BLAGOJEVIC, STEVAN, US
[71] BLAGOJEVIC, STEVAN, US
[85] 2018-06-15
[86] 2015-12-16 (PCT/US2015/066187)
[87] (WO2016/100565)
[30] US (62/092,742) 2014-12-16
[30] US (62/103,981) 2015-01-15

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[21] **3,008,817**
[13] A1
[51] **Int.Cl. A61B 17/32 (2006.01) A61F 9/007 (2006.01)**
[25] EN
[54] **ULTRASONIC SURGICAL TOOL SYSTEM INCLUDING A TIP CAPABLE OF SIMULTANEOUS LONGITUDINAL AND TORSIONAL MOVEMENT AND OF SUBSTANTIALLY TORSIONAL OSCILLATIONS**
[54] **SYSTEME D'OUTIL CHIRURGICAL ULTRASONORE COMPRENANT UNE POINTE CAPABLE DE MOUVEMENT LONGITUDINAL ET EN TORSION SIMULTANE ET D'OSCILLATIONS SENSIBLEMENT EN TORSION**
[72] DOWNEY, ADAM, US
[71] STRYKER CORPORATION, US
[85] 2018-06-15
[86] 2016-12-14 (PCT/US2016/066635)
[87] (WO2017/106329)
[30] US (62/269,542) 2015-12-18

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[21] **3,008,818**
[13] A1
[51] **Int.Cl. A47C 27/06 (2006.01) A47C 27/07 (2006.01) B68G 9/00 (2006.01)**
[25] EN
[54] **COIL-IN-COIL SPRING WITH VARIABLE LOADING RESPONSE AND MATTRESSES INCLUDING THE SAME**
[54] **RESSORT HELICOIDAL A REPONSE DE CHARGE VARIABLE, ET MATELAS LE COMPRENANT**
[72] DEMOSS, LARRY K., US
[72] MANUSZAK, BRIAN M., US
[72] PLATEK, ALLEN M., US
[72] SARVARY, MARK A., US
[72] TAR, KEVIN, US
[71] SEALY TECHNOLOGY, LLC, US
[85] 2018-06-15
[86] 2015-12-17 (PCT/US2015/066278)
[87] (WO2017/105454)

---

[21] **3,008,819**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **ANTIBODIES SPECIFICALLY BINDING HLA-DR AND THEIR USES**
[54] **ANTICORPS SE LIANT SPECIFIQUEMENT A HLA-DR ET LEURS UTILISATIONS**
[72] MARTINEZ, CHRISTIAN, US
[72] CHEN, QIANG, US
[72] SWIECKI, MELISSA, US
[72] KUHN, ROBERT, US
[72] ZHOU, HONG, US
[72] DUFFY, KAREN, US
[72] BECART, STEPHANE, US
[72] HUANG, CHICHI, US
[72] LIN-SCHMIDT, XIEFAN, US
[72] WU, SHENG-JIUN, US
[72] LUO, JINQUAN, US
[72] OBMOLOVA, GALINA, US
[72] ERNST, ROBIN, US
[71] JANSSEN BIOTECH, INC., US
[85] 2018-06-15
[86] 2016-12-16 (PCT/US2016/067235)
[87] (WO2017/106684)
[30] US (62/268,570) 2015-12-17

[21] **3,008,825**
[13] A1
[51] **Int.Cl. H01L 27/18 (2006.01) H01L 23/498 (2006.01)**
[25] EN
[54] **SUPERCONDUCTING BUMP BONDS**
[54] **LIAISONS A BOSSE SUPRACONDUCTRICES**
[72] MUTUS, JOSHUA YOUSOUF, US
[72] LUCERO, ERIK ANTHONY, US
[71] GOOGLE LLC, US
[85] 2018-06-15
[86] 2015-12-30 (PCT/US2015/068082)
[87] (WO2017/105524)
[30] US (62/267,824) 2015-12-15

---

[21] **3,008,828**
[13] A1
[51] **Int.Cl. B29D 30/02 (2006.01) B60B 1/00 (2006.01) B60B 9/10 (2006.01) B60B 9/12 (2006.01) B60C 7/00 (2006.01) B60C 7/18 (2006.01)**
[25] EN
[54] **TRACK SYSTEM FOR TRACTION OF A VEHICLE**
[54] **SYSTEME DE CHENILLE POUR LA TRACTION D'UN VEHICULE**
[72] THOMPSON, RONALD H., US
[72] FAVRE, MARC, US
[71] THOMPSON, RONALD H., US
[71] FAVRE, MARC, US
[85] 2018-06-15
[86] 2016-12-16 (PCT/US2016/067260)
[87] (WO2017/106704)
[30] US (62/268,267) 2015-12-16

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[21] **3,008,830**
[13] A1
[51] **Int.Cl. G06F 11/20 (2006.01)**
[25] EN
[54] **HIGH THROUGHPUT, HIGH RELIABILITY DATA PROCESSING SYSTEM**
[54] **SYSTEME DE TRAITEMENT DE DONNEES A HAUT DEBIT DE GRANDE FIABILITE**
[72] THOMAS, BEN, US
[71] AB INITIO TECHNOLOGY LLC, US
[85] 2018-06-15
[86] 2016-02-09 (PCT/US2016/017108)
[87] (WO2017/105529)
[30] US (62/268,090) 2015-12-16
[30] US (15/019,003) 2016-02-09

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[21] **3,008,833**
[13] A1
[51] **Int.Cl. F02C 5/10 (2006.01) F23C 15/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AIR-BREATHING WAVE ENGINES FOR THRUST PRODUCTION**
[54] **SYSTEMES ET PROCEDES POUR MOTEURS A ONDE AEROBIE POUR PRODUCTION DE POUSSEE**
[72] MAQBOOL, DAANISH, US
[71] NORTH AMERICAN WAVE ENGINE CORPORATION, US
[85] 2018-06-15
[86] 2016-12-16 (PCT/US2016/067242)
[87] (WO2017/106689)
[30] US (62/269,592) 2015-12-18

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[21] **3,008,837**
[13] A1
[51] **Int.Cl. A61K 9/14 (2006.01) B82Y 5/00 (2011.01) A61K 31/00 (2006.01) A61P 9/00 (2006.01) A61P 13/12 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **NITRIC OXIDE RELEASING HIGH DENSITY LIPOROTEIN-LIKE NANOPARTICLES (NO HDL NPS)**
[54] **NANOPARTICULES SEMBLABLES AUX LIPOPROTEINES HAUTE DENSITE LIBERANT DE L'OXYDE NITRIQUE**
[72] RINK, JONATHAN, US
[72] THAXTON, C. SHAD, US
[72] KIBBE, MELINA, US
[71] NORTHWESTERN UNIVERSITY, US
[85] 2018-06-15
[86] 2016-12-16 (PCT/US2016/067243)
[87] (WO2017/106690)
[30] US (62/269,859) 2015-12-18

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[21] **3,008,841**
[13] A1
[51] **Int.Cl. F16C 33/02 (2006.01) B05D 3/10 (2006.01) B05D 3/12 (2006.01) F16C 33/10 (2006.01)**
[25] EN
[54] **MICROFLUIDIC-ASSISTED HYDRODYNAMIC LUBRICATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE LUBRIFICATION HYDRODYNAMIQUE A ASSISTANCE MICROFLUIDIQUE**
[72] SADABADI, HAMID, CA
[72] NEZHAD, AMIR SANATI, CA
[72] KALANTARI, MASOUD, CA
[72] MARCHAND, NICHOLAS RYAN, CA
[71] NATIONAL OILWELL VARCO, L.P., US
[85] 2018-06-15
[86] 2016-12-16 (PCT/US2016/067264)
[87] (WO2017/106708)
[30] US (62/269,719) 2015-12-18

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[21] **3,008,842**
[13] A1
[51] **Int.Cl. G06Q 30/00 (2012.01)**
[25] EN
[54] **COLLATERAL GENERATION SYSTEM FOR DIRECT MAIL**
[54] **SYSTEME DE GENERATION DE DOCUMENTS D'ACCOMPAGNEMENT POUR PUBLIPOSTAGE DIRECT**
[72] GERSH, LEWIS, US
[72] VICTOR, ROBERT, US
[72] GIBBONS, THOMAS C., US
[71] PEBBLEPOST, INC., US
[85] 2018-06-15
[86] 2016-12-16 (PCT/US2016/067281)
[87] (WO2017/106717)
[30] US (62/269,885) 2015-12-18

[21] **3,008,846**
[13] A1
[51] **Int.Cl. B62D 55/065 (2006.01) B60C 7/00 (2006.01) B60F 5/00 (2006.01) B62D 55/00 (2006.01) B62D 55/06 (2006.01)**
[25] EN
[54] **TRACK SYSTEM FOR TRACTION OF A VEHICLE**
[54] **SYSTEME DE CHENILLE POUR LA TRACTION D'UN VEHICULE**
[72] THOMPSON, RONALD H., US
[72] ZUCHOSKI, JEREMIE, CA
[71] THOMPSON, RONALD H., US
[71] ZUCHOSKI, JEREMIE, CA
[85] 2018-06-15
[86] 2016-12-16 (PCT/US2016/067327)
[87] (WO2017/106750)
[30] US (62/268,309) 2015-12-16

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[21] **3,008,848**
[13] A1
[51] **Int.Cl. A61K 31/726 (2006.01) A61K 31/727 (2006.01) A61K 31/728 (2006.01) A61K 31/737 (2006.01) C08B 37/00 (2006.01)**
[25] EN
[54] **CELLULAR GLYCOSAMINOGLYCAN COMPOSITIONS AND METHODS OF MAKING AND USING**
[54] **COMPOSITIONS DE GLYCOSAMINOGLYCANE CELLULAIRE ET LEURS PROCEDES DE PREPARATION ET D'UTILISATION**
[72] GLASS, CHARLES, US
[72] THACKER, BRYAN, US
[72] ESKO, JEFFREY, US
[71] TEGA THERAPEUTICS, INC., US
[85] 2018-06-15
[86] 2016-12-16 (PCT/US2016/067373)
[87] (WO2017/106782)
[30] US (62/269,879) 2015-12-18

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[21] **3,008,849**
[13] A1
[51] **Int.Cl. A61K 31/122 (2006.01) A61K 31/40 (2006.01) C07C 50/24 (2006.01) C07C 50/28 (2006.01) C07D 207/06 (2006.01)**
[25] EN
[54] **FLOUROALKYL, FLOUROALKOXY, PHENOXY, HETEROARYLOXY, ALKOXY, AND AMINE 1,4-BENZOQUINONE DERIVATIVES FOR TREATMENT OF OXIDATIVE STRESS DISORDERS**
[54] **DERIVES FLUOROALKYLE, FLUOROALCOXY, PHENOXY, HETEROARYLOXY, ALCOXY, ET AMINE 1,4-BENZOQUINONE POUR LE TRAITEMENT DE TROUBLES DU STRESS OXYDATIF**
[72] HINMAN, ANDREW W., US
[72] RICHARDS, STEVEN J., US
[71] BIOELECTRON TECHNOLOGY CORPORATION, US
[85] 2018-06-15
[86] 2016-12-17 (PCT/US2016/067404)
[87] (WO2017/106803)
[30] US (62/269,016) 2015-12-17

---

[21] **3,008,851**
[13] A1
[51] **Int.Cl. C12M 1/14 (2006.01) C12N 5/07 (2010.01) A61F 2/00 (2006.01)**
[25] EN
[54] **NOVEL TISSUE SEPARATION BARRIER SYSTEMS AND RELATED METHODS OF USE**
[54] **NOUVEAUX SYSTEMES DE BARRIERE DE SEPARATION DE TISSU ET PROCEDES D'UTILISATION ASSOCIES**
[72] GRANADA, DAVID ENRIQUE JIMENEZ, US
[72] RODRIQUEZ, ALEJANDRO GOMEZ, CO
[71] DME 3D S.A.S., QZ
[71] GRANADA, DAVID ENRIQUE JIMENEZ, US
[71] RODRIQUEZ, ALEJANDRO GOMEZ, CO
[85] 2018-06-15
[86] 2016-12-17 (PCT/US2016/067405)
[87] (WO2017/106804)
[30] US (62/268,610) 2015-12-17

---

[21] **3,008,852**
[13] A1
[51] **Int.Cl. A61M 37/00 (2006.01) A61M 5/172 (2006.01) A61N 1/04 (2006.01) A61N 1/30 (2006.01)**
[25] EN
[54] **ELECTRO KINETIC TRANSDERMAL AND TRANS MUCOSAL DELIVERY ACCELERATOR DEVICE**
[54] **DISPOSITIF ACCELERATEUR D'ADMINISTRATION TRANSDERMIQUE ET TRANSMUQUEUSE ELECTROCINETIQUE**
[72] HENLEY, JULIAN, US
[71] HG MEDICAL TECHNOLOGIES LLC, US
[85] 2018-06-15
[86] 2016-12-19 (PCT/US2016/067450)
[87] (WO2017/106815)
[30] US (62/268,816) 2015-12-17
[30] US (62/272,183) 2015-12-29

---

[21] **3,008,853**
[13] A1
[51] **Int.Cl. H02J 3/38 (2006.01) H02J 3/40 (2006.01) H02M 7/48 (2007.01)**
[25] EN
[54] **CABLE INTEGRATED SOLAR INVERTER**
[54] **ONDULEUR SOLAIRE INTEGRE A CABLE**
[72] FREEMAN, BRAD, US
[72] HUME, CHARLES, US
[72] SYKES, DAVE, US
[72] DELLA SERA, ALDO, US
[71] SOUTHWIRE COMPANY, LLC, US
[85] 2018-06-15
[86] 2016-12-19 (PCT/US2016/067556)
[87] (WO2017/106842)
[30] US (62/269,754) 2015-12-18

[21] **3,008,854**
[13] A1
[51] **Int.Cl. C07C 215/20 (2006.01) A61K 31/675 (2006.01) C07F 9/02 (2006.01)**
[25] EN
[54] **COMPOSITIONS OF POLYHYDROXYLATED BENZOPHENONES AND METHODS OF TREATMENT OF NEURODEGENERATIVE DISORDERS**
[54] **COMPOSITIONS DE BENZOPHENONES POLYHYDROXYLES ET METHODES DE TRAITEMENT DE TROUBLES NEURODEGENERATIFS**
[72] TSAI, LI-HUEI, US
[72] HAGGARTY, STEPHEN J., US
[72] PATNAIK, DEBASIS, US
[72] PAO, PING-CHIEH, US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[71] THE GENERAL HOSPITAL CORPORATION D/B/A MASSACHUSETTS GENERAL HOSPITAL, US
[85] 2018-06-15
[86] 2016-12-19 (PCT/US2016/067592)
[87] (WO2017/106861)
[30] US (62/268,899) 2015-12-17

---

[21] **3,008,857**
[13] A1
[51] **Int.Cl. C08L 23/06 (2006.01)**
[25] EN
[54] **PARTIALLY-CROSSLINKED POLYETHYLENE FORMULATIONS AND METHODS OF MAKING SAME**
[54] **FORMULATIONS DE POLYETHYLENE PARTIELLEMENT RETICULEES LIBERATION ET LEURS PROCEDES DE FABRICATION**
[72] FERNANDEZ, PATRICIA PERDIZ, MX
[72] NIAMPIRA, MIGUEL A. MOLANO, CO
[71] DOW QUIMICA MEXICANA S.A. DE C.V., MX
[71] DOW QUIMICA DE COLOMBIA S.A., CO
[85] 2018-06-15
[86] 2016-12-20 (PCT/US2016/067706)
[87] (WO2017/112642)
[30] US (62/270,251) 2015-12-21

---

[21] **3,008,861**
[13] A1
[51] **Int.Cl. B65B 55/20 (2006.01)**
[25] EN
[54] **ON-DEMAND INFLATABLE PACKAGING**
[54] **EMBALLAGE GONFLABLE A LA DEMANDE**
[72] WEHRMANN, RICK STEVEN, US
[71] AUTOMATED PACKAGING SYSTEMS, INC., US
[85] 2018-06-15
[86] 2016-12-21 (PCT/US2016/068025)
[87] (WO2017/112773)
[30] US (62/270,205) 2015-12-21

---

[21] **3,008,872**
[13] A1
[51] **Int.Cl. G07C 9/00 (2006.01)**
[25] EN
[54] **AUTO SECURITY AND AUTO SAFETY SYSTEM**
[54] **SYSTEME DE SECURITE AUTOMATIQUE ET DE SURETE AUTOMATIQUE**
[72] KHALIL, AKHTAR, GB
[71] KHALIL, AKHTAR, GB
[85] 2018-04-09
[86] 2015-10-16 (PCT/GB2015/053092)
[87] (WO2016/063016)
[30] GB (1418528.4) 2014-10-19
[30] GB (1505841.5) 2015-04-05

Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

---

[21] **2,952,089**
[13] A1
[51] **Int.Cl. B01J 3/03 (2006.01) B65D 90/54 (2006.01)**
[25] EN
[54] **PRESSURE VESSEL AND DOOR ACTUATOR**
[54] **RECIPIENT A PRESSION ET ACTIONNEUR DE PORTE**
[72] EUWER, MARK C., US
[72] JANSMA, BARRY G., US
[72] DO, THOMAS TUAN-HUY, US
[71] NATIONAL OILWELL VARCO, L.P., US
[22] 2016-12-16
[41] 2018-06-12
[30] US (15/375,227) 2016-12-12

---

[21] **2,986,329**
[13] A1
[51] **Int.Cl. B65B 67/12 (2006.01) B65D 33/16 (2006.01) B65D 65/26 (2006.01)**
[25] EN
[54] **HOLD-OPEN DEVICE AND PACKAGE HAVING SAME**
[54] **DISPOSITIF DE MAINTIEN D'OUVERTURE ET EMBALLAGE COMPORTANT LEDIT DISPOSITIF**
[72] VERMA, VISHAAL BOEHM, US
[71] VERMA, VISHAAL BOEHM, US
[22] 2017-11-21
[41] 2018-05-22
[30] US (15/358749) 2016-11-22

---

[21] **3,000,734**
[13] A1
[51] **Int.Cl. G06Q 10/10 (2012.01) G06F 17/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR REAL TIME DATA MANAGEMENT IN A COLLABORATIVE ENVIRONMENT**
[54] **SYSTEME ET METHODES DE GESTION DE DONNEES EN TEMPS REEL DANS UN ENVIRONNEMENT COLLABORATIF**
[72] PAULK, MARTIN D., US
[72] JOHNSON, DAVID, US
[71] LANDMARK GRAPHICS CORPORATION, US
[22] 2010-02-24
[41] 2010-09-16
[62] 2,754,747
[30] US (12/404,181) 2009-03-13

---

[21] **3,003,209**
[13] A1
[51] **Int.Cl. H04N 21/64 (2011.01) H04N 21/6405 (2011.01) H04N 21/647 (2011.01) H04L 12/803 (2013.01) H04L 27/34 (2006.01) H04L 29/14 (2006.01)**
[25] EN
[54] **FAILOVER WITH REDUNDANT MULTICASTS FOR SWITCHED DIGITAL VIDEO**
[54] **BASCULEMENT AVEC MULTIDIFFUSIONS REDONDANTES POUR VIDEO NUMERIQUE COMMUTEE**
[72] MAO, WEIDONG, US
[72] GABLER, PHILLIP, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2009-11-06
[41] 2011-05-06
[62] 2,684,824

---

[21] **3,004,877**
[13] A1
[51] **Int.Cl. E04C 1/39 (2006.01) E02D 29/02 (2006.01) E04C 1/00 (2006.01)**
[25] EN
[54] **FREE-STANDING WALL ARRANGEMENT AND METHODS**
[54] **CONFIGURATION ET PROCEDES POUR MURS AUTOPORTEURS**
[72] WOLTER, ROBERT JOEL, US
[72] BURNQUIST, ROBERT B., US
[72] BROWN, HARRISON JOHN, US
[72] BUKER, DALE A., US
[72] JOHNSON, JAY J., US
[71] ANCHOR WALL SYSTEMS, INC., US
[22] 2011-04-04
[41] 2011-11-03
[62] 2,797,066
[30] US (12/770,885) 2010-04-30

---

[21] **3,006,118**
[13] A1
[51] **Int.Cl. G03G 15/06 (2006.01)**
[25] EN
[54] **TONER CARTRIDGE, TONER SUPPLYING MECHANISM AND SHUTTER**
[54] **CARTOUCHE DE TONER, MECANISME D'ALIMENTATION EN TONER, ET OBTURATEUR**
[72] KASHIIDE, YOSUKE, JP
[72] KIMURA, TAKASHI, JP
[71] CANON KABUSHIKI KAISHA, JP
[22] 2015-07-31
[41] 2016-02-04
[62] 2,956,560
[30] JP (2014-158120) 2014-08-01
[30] JP (2014-158119) 2014-08-01
[30] JP (2015-032063) 2015-02-20

[21] **3,006,902**
[13] A1
[51] **Int.Cl. A61F 13/20 (2006.01)**
[25] EN
[54] **TAMPON AND METHOD FOR MAKING THE SAME**
[54] **TAMPON ET PROCEDE POUR LE FABRIQUER**
[72] SCHICKLI, ERIC MITCHELL, US
[72] NELLENBACH, EVA GRACE, US
[71] THE PROCTER & GAMBLE COMPANY, US
[22] 2014-12-15
[41] 2015-06-25
[62] 2,933,845
[30] US (14/136,099) 2013-12-20

---

[21] **3,007,075**
[13] A1
[51] **Int.Cl. A61K 47/66 (2017.01) A61P 35/02 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS BASED ON DIPHTHERIA TOXIN-INTERLEUKIN-3 CONJUGATES**
[54] **METHODES ET COMPOSITIONS A BASE DE CONJUGUES TOXINE DIPHTERIQUE-INTERLEUKINE 3**
[72] FRANKEL, ARTHUR E., US
[71] FRANKEL, ARTHUR E., US
[22] 2007-09-07
[41] 2008-03-13
[62] 2,923,381
[30] US (60/843,471) 2006-09-07
[30] US (60/932,772) 2007-06-01

---

[21] **3,007,205**
[13] A1
[51] **Int.Cl. E06B 1/70 (2006.01)**
[25] EN
[54] **DOORSILL**
[54] **SEUIL DE PORTE**
[72] SWANK, THOMAS C., US
[72] JASKIEWICZ, THOMASZ, US
[72] PROCTON, BRUCE E., US
[72] HEID, GEORGE, US
[72] VAN CAMP, BRENT, US
[72] MITCHELL, MICHAEL, US
[71] ENDURA PRODUCTS, INC., US
[22] 2016-09-21
[41] 2017-04-13
[62] 2,942,620
[30] US (14/881,625) 2015-10-13

---

[21] **3,007,369**
[13] A1
[51] **Int.Cl. F24F 13/02 (2006.01) F16L 9/18 (2006.01) F16L 39/00 (2006.01) F16L 59/147 (2006.01) F16L 59/18 (2006.01)**
[25] EN
[54] **CLIMATE CONTROL METHOD USING INSULATED DUCTS**
[54] **CONDUITS ISOLES ET RESEAUX DE GAINES ISOLES**
[72] FANELLI, CARL, US
[71] GREEN HVAC DUCTS USA, LLC, US
[22] 2014-07-24
[41] 2015-07-15
[62] 2,936,626
[30] US (14/153,331) 2014-01-13

---

[21] **3,007,376**
[13] A1
[51] **Int.Cl. G06K 9/32 (2006.01) G06F 21/32 (2013.01) A61B 5/117 (2016.01) G06K 9/00 (2006.01) G06K 9/36 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR CAPTURING BIOMETRIC DATA**
[54] **PROCEDES ET SYSTEMES DE SAISIE DE DONNEES BIOMETRIQUES**
[72] SAHIN, TEVFIK BURAK, US
[72] WHITE, CONOR ROBERT, US
[72] PEIRCE, MICHAEL, IE
[72] SEZILLE, NICOLAS JACQUES JEAN, IE
[71] DAON HOLDINGS LIMITED, KY
[22] 2012-01-19
[41] 2012-07-20
[62] 2,764,773
[30] US (13/010,443) 2011-01-20
[30] US (13/025,729) 2011-02-11

---

[21] **3,007,411**
[13] A1
[51] **Int.Cl. B65D 85/816 (2006.01) A47J 31/06 (2006.01) A47J 31/24 (2006.01) A47J 31/44 (2006.01)**
[25] EN
[54] **CARTRIDGE FOR THE PREPARATION OF BEVERAGES AND METHOD OF MANUFACTURING A CARTRIDGE**
[54] **CARTOUCHE SERVANT A PREPARER DES BOISSONS ET PROCEDE DE PRODUCTION DE CETTE CARTOUCHE**
[72] CARTER, STEVEN, GB
[72] MACMAHON, JOHN, GB
[72] LLOYD, ADAM, GB
[72] SUTTON, PAUL, GB
[72] PANESAR, SATWINDER, GB
[72] HALLIDAY, ANDREW, GB
[72] MARTIN, HENRY, GB
[71] KONINKLIJKE DOUWE EGBERTS B.V., NL
[22] 2004-01-23
[41] 2004-08-05
[62] 2,833,483
[30] GB (0301679.7) 2003-01-24
[30] GB (0301733.2) 2003-01-24
[30] GB (0301741.5) 2003-01-24
[30] GB (0301680.5) 2003-01-24
[30] GB (0301681.3) 2003-01-24
[30] GB (0301696.1) 2003-01-24

---

[21] **3,007,529**
[13] A1
[51] **Int.Cl. G01M 3/26 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR FLUID FLOW MONITORING AND LEAK DETECTION**
[54] **PROCEDES ET APPAREIL POUR LE CONTROLE D'ECOULEMENT DE FLUIDE ET LA DETECTION DE FUITES**
[72] HAMMOND, MICHAEL, US
[72] MESS, FRANCIS M., US
[72] ELIA, SAMUEL, US
[72] ALMIRALL, JORGE C., US
[72] GESTNER, BRIAN, US
[72] LEADERS, JEFFREY L., US
[71] RELIANCE WORLDWIDE CORPORATION, US
[22] 2015-08-14
[41] 2016-02-18
[62] 2,960,772
[30] US (62/037,511) 2014-08-14
[30] US (62/083,053) 2014-11-21

[21] **3,007,544**
[13] A1
[51] **Int.Cl. H04N 19/34 (2014.01) H04N 19/115 (2014.01) H04N 19/50 (2014.01) H04N 19/96 (2014.01)**
[25] EN
[54] **VIDEO-ENCODING METHOD AND VIDEO-ENCODING APPARATUS BASED ON ENCODING UNITS DETERMINED IN ACCORDANCE WITH A TREE STRUCTURE, AND VIDEO-DECODING METHOD AND VIDEO-DECODING APPARATUS BASED ON ENCODING UNITS DETERMINED IN ACCORDANCE WITH A TREE STRUCTURE**
[54] **PROCEDE DE CODAGE VIDEO ET APPAREIL DE CODAGE VIDEO BASES SUR DES UNITES DE CODAGE DETERMINEES SELON UNE STRUCTURE ARBORESCENTE, ET PROCEDE DE DECODAGE VIDEO ET APPAREIL DE DECODAGE VIDEO BASES SUR DES UNITES DE CODAGE DETERMINEES SELON UNE STRUCTURE ARBORESCENTE**
[72] MIN, JUNG-HYE, KR
[72] HAN, WOO-JIN, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2011-04-13
[41] 2011-10-20
[62] 2,962,290
[30] US (61/323,449) 2010-04-13

[21] **3,007,559**
[13] A1
[51] **Int.Cl. C08G 63/08 (2006.01) C08G 63/91 (2006.01) C08G 69/14 (2006.01) C08G 69/48 (2006.01) C08J 3/12 (2006.01) C08J 3/24 (2006.01)**
[25] EN
[54] **MULTIFUNCTIONAL DEGRADABLE NANOPARTICLES WITH CONTROL OVER SIZE AND FUNCTIONALITIES**
[54] **NANOPARTICULES DEGRADABLES MULTIFONCTIONNELLES AVEC CONTROLE SUR LA DIMENSION ET LES FONCTIONNALITES**
[72] HARTH, EVA M., US
[72] VAN DER ENDE, ALICE E., US
[72] HAMILTON, SHARON K., US
[72] CROCE, TERESA A., US
[71] VANDERBILT UNIVERSITY, US
[22] 2008-11-05
[41] 2009-05-14
[62] 2,704,956
[30] US (60/985,608) 2007-11-05
[30] US (61/038,041) 2008-03-19
[30] US (61/100,752) 2008-09-28
[30] US (61/101,039) 2008-09-29

[21] **3,007,568**
[13] A1
[51] **Int.Cl. F16L 1/09 (2006.01) B25B 11/00 (2006.01) F16L 1/10 (2006.01) F16L 47/02 (2006.01)**
[25] EN
[54] **ASSEMBLY AND METHOD OF COUPLING PIPES**
[54] **ENSEMBLE ET PROCEDE POUR ACCOUPLER DES TUYAUX**
[72] MONTGOMERY, MICHAEL JOHN, US
[71] ISCO INDUSTRIES, INC., US
[22] 2014-12-17
[41] 2015-06-25
[62] 2,934,317
[30] US (14132700) 2013-12-18

[21] **3,007,585**
[13] A1
[51] **Int.Cl. H01J 49/10 (2006.01) H01J 49/26 (2006.01)**
[25] EN
[54] **ION DETECTION**
[54] **DETECTION D'IONS**
[72] KHOLOMEEV, ALEXANDER, DE
[72] MAKAROV, ALEXANDER ALEKSEEVICH, DE
[71] THERMO FISHER SCIENTIFIC (BREMEN) GMBH, DE
[22] 2012-05-14
[41] 2012-11-15
[62] 2,835,502
[30] GB (1107958.9) 2011-05-12

[21] **3,007,655**
[13] A1
[51] **Int.Cl. C08J 3/20 (2006.01) C08L 1/02 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING FUNCTIONALIZED NANOCRYSTALLINE CELLULOSE AND FUNCTIONALIZED NANOCRYSTALLINE CELLULOSE THEREBY PRODUCED**
[54] **PROCEDE DE PRODUCTION DE CELLULOSE NANOCRISTALLINE FONCTIONNALISEE ET CELLULOSE NANOCRISTALLINE FONCTIONNALISEE AINSI PRODUITE**
[72] ANDREWS, MARK P., CA
[72] MORSE, TIMOTHY, CA
[71] ANOMERA INC., CA
[22] 2015-07-27
[41] 2016-02-04
[62] 2,956,661
[30] US (62/029,761) 2014-07-28

[21] **3,007,662**
[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01) G06F 3/0481 (2013.01) G06F 21/60 (2013.01) H04L 12/16 (2006.01) H04L 12/22 (2006.01)**
[25] EN
[54] **ONLINE PRIVACY MANAGEMENT**
[54] **GESTION DE CONFIDENTIALITE EN LIGNE**
[72] GOODWIN, JOSHUA C., US
[72] MANION, JOSHUA R., US
[71] ENSIGHTEN, INC., US
[22] 2011-12-29
[41] 2012-07-05
[62] 2,823,530
[30] US (61/428,560) 2010-12-30

[21] **3,007,679**
[13] A1
[51] **Int.Cl. H04N 19/174 (2014.01) H04N 19/34 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR VIDEO ENCODING FOR EACH SPATIAL SUB-AREA, AND METHOD AND APPARATUS FOR VIDEO DECODING FOR EACH SPATIAL SUB-AREA**
[54] **PROCEDE ET APPAREIL DE CODAGE VIDEO DE CHAQUE SOUS-ZONE SPATIALE ET PROCEDE ET APPAREIL DE DECODAGE DE CHAQUE SOUS-ZONE SPATIALE**
[72] LEE, TAMMY, KR
[72] CHOI, BYEONG-DOO, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2013-01-30
[41] 2013-08-08
[62] 2,898,154
[30] US (61/592,572) 2012-01-30

[21] **3,007,700**
[13] A1
[51] **Int.Cl. A61K 38/28 (2006.01) A61K 31/351 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01) A61P 5/50 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY WITH SGLT-2 INHIBITORS AND THEIR PHARMACEUTICAL COMPOSITIONS**
[54] **TRAITEMENT COMBINATOIRE AVEC INHIBITEURS DE SGLT-2 ET LEURS COMPOSITIONS PHARMACEUTIQUES**
[72] MANUCHEHRI, ALIREZA, GB
[72] DUGI, KLAUS, DE
[72] EICKELMANN, PETER, DE
[72] THOMAS, LEO, DE
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[22] 2007-11-08
[41] 2008-05-15
[62] 2,669,043
[30] US (60/865099) 2006-11-09

[21] **3,007,702**
[13] A1
[51] **Int.Cl. G06F 3/0484 (2013.01) G06F 3/14 (2006.01) G06Q 30/02 (2012.01) H04L 12/16 (2006.01)**
[25] EN
[54] **CONTENT ITEM SELECTION**
[54] **SELECTION D'ELEMENTS DE CONTENU**
[72] PERROW, MIKE, AU
[72] MACGILL, JAMES ROBERT, US
[72] ZHANG, DANA, AU
[72] VERNE, NICHOLAS, AU
[72] SYMONDS, DAVID, AU
[71] GOOGLE LLC, US
[22] 2009-07-13
[41] 2010-01-21
[62] 2,730,609
[30] US (12/172,335) 2008-07-14

[21] **3,007,796**
[13] A1
[51] **Int.Cl. A47C 19/00 (2006.01) A01M 1/00 (2006.01) A01N 59/00 (2006.01) A01N 65/00 (2009.01) A01P 7/00 (2006.01) A47B 96/20 (2006.01) B68G 13/00 (2006.01) F16B 12/54 (2006.01)**
[25] EN
[54] **FURNITURE APPARATUSES, AND KITS, SYSTEMS, AND USES OF SAME**
[54] **APPAREILS D'AMEUBLEMENT, KITS, SYSTEMES, ET UTILISATION DE CEUX-CI**
[72] PHILLIPS, RODERICK WILLIAM, CA
[71] PHILLIPS, RODERICK WILLIAM, CA
[22] 2012-04-26
[41] 2012-11-08
[62] 2,810,276
[30] US (61/482,067) 2011-05-03
[30] US (61/563,220) 2011-11-23

[21] **3,007,799**
[13] A1
[51] **Int.Cl. G09F 9/35 (2006.01) A47F 3/00 (2006.01) A47F 11/06 (2006.01)**
[25] EN
[54] **TRANSPARENT LCD ASSEMBLY WITH DISPLAY CASE**
[54] **ENSEMBLE D'AFFICHAGE A CRISTAUX LIQUIDES TRANSPARENT AVEC BOITIER DE DISPOSITIF D'AFFICHAGE**
[72] DUNN, WILLIAM, US
[72] DIAZ, MARCOS, US
[71] MANUFACTURING RESOURCES INTERNATIONAL, INC., US
[22] 2015-06-16
[41] 2015-12-23
[62] 2,952,619
[30] US (62/012,785) 2014-06-16
[30] US (62/012,572) 2014-06-16
[30] US (62/012,559) 2014-06-16
[30] US (62/013,225) 2014-06-17
[30] US (62/013,917) 2014-06-18

[21] **3,007,801**
[13] A1
[51] **Int.Cl. G09F 9/35 (2006.01) A47F 3/00 (2006.01) A47F 11/06 (2006.01)**
[25] EN
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[72] DIAZ, MARCOS, US
[71] MANUFACTURING RESOURCES INTERNATIONAL, INC., US
[22] 2015-06-16
[41] 2015-12-23
[62] 2,952,619
[30] US (62/012,785) 2014-06-16
[30] US (62/012,572) 2014-06-16
[30] US (62/012,559) 2014-06-16
[30] US (62/012,225) 2014-06-17
[30] US (62/013,917) 2014-06-18

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[21] **3,007,802**
[13] A1
[51] **Int.Cl. H02P 31/00 (2006.01) F24F 11/38 (2018.01) G08B 5/36 (2006.01)**
[25] EN
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[54] **COMMANDES DE PILOTAGE ET PROCEDES DE DIAGNOSTIC POUR MOTEURS COMMUNIQUANTS**
[72] BROKER, JOHN F., US
[71] EMERSON ELECTRIC CO., US
[22] 2014-11-04
[41] 2015-05-08
[62] 2,869,501
[30] US (14/075,372) 2013-11-08

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[21] **3,007,804**
[13] A1
[51] **Int.Cl. G09F 9/35 (2006.01) A47F 3/00 (2006.01) A47F 11/06 (2006.01)**
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[72] DUNN, WILLIAM, US
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[71] MANUFACTURING RESOURCES INTERNATIONAL, INC., US
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[41] 2015-12-23
[62] 2,952,619
[30] US (62/012,785) 2014-06-16
[30] US (62/012,572) 2014-06-16
[30] US (62/012,559) 2014-06-16
[30] US (62/013,225) 2014-06-17
[30] US (62/013,917) 2014-06-18

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[21] **3,007,805**
[13] A1
[51] **Int.Cl. G06F 19/10 (2011.01) G06F 19/24 (2011.01) G16H 20/00 (2018.01) C40B 30/02 (2006.01)**
[25] EN
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[72] STUART, JOSHUA M., US
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[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[22] 2011-04-29
[41] 2011-11-10
[62] 2,796,272
[30] US (61/343,575) 2010-04-29

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[21] **3,007,829**
[13] A1
[51] **Int.Cl. B65B 57/04 (2006.01) B65B 11/02 (2006.01) B65B 11/04 (2006.01)**
[25] EN
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[54] **PROFILAGE DE MATERIAU D'EMBALLAGE POUR EMBALLAGE DE CONFINEMENT BASE SUR LA FORCE**
[72] LANCASTER, PATRICK R., III, US
[72] MITCHELL, MICHAEL P., US
[71] LANTECH.COM, LLC, US
[22] 2014-02-13
[41] 2014-08-21
[62] 2,901,254
[30] US (61/764,107) 2013-02-13

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[21] **3,007,859**
[13] A1
[51] **Int.Cl. A23L 19/20 (2016.01) A23L 19/12 (2016.01) A23L 19/18 (2016.01) A23B 7/02 (2006.01) G01N 33/10 (2006.01)**
[25] EN
[54] **METHOD FOR THE PREPARATION OF PICKLED POTATO STRINGS**
[54] **PROCEDE DE PREPARATION DE CORPS DE POMME DE TERRE SECHES CROUSTILLANTS EN TANT QUE PRODUIT ALIMENTAIRE**
[72] VAN DOORN, JOHANNES ELISABERT, NL
[71] HZPC HOLLAND B.V., NL
[22] 2016-07-05
[41] 2017-01-19
[62] 2,991,870
[30] NL (2015152) 2015-07-10
[30] NL (2015154) 2015-07-10

[21] **3,007,908**
[13] A1
[51] **Int.Cl. C12N 15/55 (2006.01) C12N 15/113 (2010.01) G06F 19/10 (2011.01) A23K 20/158 (2016.01) A23K 20/189 (2016.01) A23L 33/115 (2016.01) A23L 33/17 (2016.01) C12Q 1/6876 (2018.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) A01K 67/027 (2006.01) A23C 9/12 (2006.01) C07H 21/00 (2006.01) C07K 16/40 (2006.01) C12N 5/10 (2006.01) C12N 9/14 (2006.01) C12N 9/16 (2006.01) C12N 9/18 (2006.01) C12N 9/50 (2006.01) C12N 11/00 (2006.01) C12N 15/57 (2006.01) C12N 15/63 (2006.01) C12N 15/82 (2006.01) C12P 1/00 (2006.01) C12P 7/62 (2006.01) C12P 7/64 (2006.01) C12P 19/34 (2006.01) C12P 41/00 (2006.01) C12Q 1/34 (2006.01) C40B 30/00 (2006.01) C40B 50/06 (2006.01)**
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[72] WEINER, DAVID PAUL, US
[72] HITCHMAN, TIM, US
[72] LYON, JONATHAN, US
[72] WONGSAKUL, SIRIRUNG, TH
[71] DSM IP ASSETS B.V., NL
[22] 2004-03-08
[41] 2005-04-14
[62] 2,889,013
[30] US (60/453450) 2003-03-07
[30] US (60/458123) 2003-03-25
[30] US (60/513332) 2003-10-21

[21] **3,007,952**
[13] A1
[51] **Int.Cl. A63F 1/06 (2006.01)**
[25] EN
[54] **CARD DISCARDING DEVICE FOR TABLETOP GAME**
[54] **DISPOSITIF POUR JETER DES CARTES POUR JEU DE TABLE**
[72] SHIGETA, YASUSHI, JP
[71] ANGEL PLAYING CARDS CO., LTD., JP
[22] 2015-10-14
[41] 2016-04-21
[62] 2,964,441
[30] JP (2014-223628) 2014-10-14

[21] **3,008,065**
[13] A1
[51] **Int.Cl. C12Q 1/6818 (2018.01) C12Q 1/6816 (2018.01) C12Q 1/6853 (2018.01) C12Q 1/6851 (2018.01)**
[25] EN
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[72] STAVRIANOPOULOS, JANNIS G., US
[72] DONEGAN, JAMES J., US
[72] COLEMAN, JACK, US
[72] LIU, DAKAI, US
[71] ENZO LIFE SCIENCES, INC., US
[22] 2003-03-11
[41] 2003-09-12
[62] 2,930,017
[30] US (10/096,076) 2002-03-12

[21] **3,008,101**
[13] A1
[51] **Int.Cl. A01C 14/00 (2006.01) G05D 1/10 (2006.01)**
[25] EN
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[54] **TECHNIQUES DESTINEES A UNE PLANTATION AUTOMATISEE**
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[72] RITCHIE, MATTHEW S., GB
[72] GRAHAM, SUSAN M., GB
[72] BIAN, SHUNNING, GB
[71] BIOCARBON ENGINEERING LTD., GB
[71] FLETCHER, LAUREN E., US
[71] RITCHIE, MATTHEW S., GB
[71] GRAHAM, SUSAN M., GB
[22] 2015-09-23
[41] 2016-03-31
[62] 2,962,076
[30] US (62/054,280) 2014-09-23
[30] US (62/209,227) 2015-08-24

[21] **3,008,307**
[13] A1
[51] **Int.Cl. C12N 15/32 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C07K 14/325 (2006.01) C07K 16/12 (2006.01) C12N 5/10 (2006.01) C12N 15/31 (2006.01) C12N 15/63 (2006.01) C12N 15/82 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **TOXIN GENES AND METHODS FOR THEIR USE**
[54] **GENES DE TOXINES ET LEUR UTILISATION**
[72] AGARWAL, SHRUTI, US
[72] CAMPBELL, CHRIS, US
[72] MCNULTY, BRIAN, US
[72] SAMPSON, KIMBERLY S., US
[72] TOMSO, DANIEL J., US
[71] ATHENIX CORPORATION, US
[22] 2009-06-25
[41] 2009-12-30
[62] 2,729,294
[30] US (61/075,719) 2008-06-25
[30] US (61/158,137) 2009-03-06

[21] **3,008,310**
[13] A1
[51] **Int.Cl. B25B 1/00 (2006.01) B23Q 3/06 (2006.01) B25B 1/02 (2006.01) B25H 5/00 (2006.01)**
[25] EN
[54] **PORTABLE WORK HOLDING DEVICE AND ASSEMBLY**
[54] **DISPOSITIF PORTABLE DE RETENUE D'UNE PIECE DE TRAVAIL ET ENSEMBLE**
[72] ONELLO, TIMOTHY SCOTT, US
[72] WEBER, CHARLES, US
[71] JPW INDUSTRIES INC., US
[22] 2012-11-21
[41] 2013-05-21
[62] 2,796,468
[30] US (13/301,359) 2011-11-21

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[21] **3,008,506**
[13] A1
[51] **Int.Cl. G06T 5/00 (2006.01) G01C 11/00 (2006.01) G06T 3/40 (2006.01) G06T 11/60 (2006.01)**
[25] EN
[54] **AUTOMATED GEOSPATIAL IMAGE MOSAIC GENERATION**
[54] **GENERATION AUTOMATISEE DE MOSAIQUE D'IMAGES GEOSPATIALES**
[72] PADWICK, CHRISTOPHER G., US
[72] WALLERIUS, JOHN W., US
[72] SMITH, JAMES T., US
[71] DIGITALGLOBE, INC., US
[22] 2014-03-14
[41] 2014-10-16
[62] 2,907,192
[30] US (13/838,475) 2013-03-15
[30] US (13/952,442) 2013-07-26
[30] US (13/952,464) 2013-07-26

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[21] **3,008,509**
[13] A1
[51] **Int.Cl. B67B 7/48 (2006.01) A61J 1/20 (2006.01)**
[25] EN
[54] **PIERCING MEMBER FOR CONTAINER ACCESS DEVICE**
[54] **ELEMENT DE PERCAGE POUR UN DISPOSITIF D'OUVERTURE DE RECIPIENT**
[72] IVOSEVIC, MILAN, US
[72] MARICI, PAUL PAIA, US
[71] BECTON, DICKINSON AND COMPANY LTD., US
[22] 2014-09-22
[41] 2015-03-26
[62] 2,924,534
[30] US (61/881,148) 2013-09-23
[30] US (14/492,305) 2014-09-22

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[21] **3,008,718**
[13] A1
[51] **Int.Cl. B60R 11/00 (2006.01) F16M 13/02 (2006.01)**
[25] EN
[54] **MOUNT WITH ANTI-ROTATION FEATURE**
[54] **SUPPORT DOTE D'UNE CARACTERISTIQUE ANTI-ROTATION**
[72] LEE, MICHAEL, US
[71] HIGH GEAR SPECIALTIES, INC., US
[22] 2011-02-21
[41] 2011-09-01
[62] 2,789,777
[30] US (12/711,767) 2010-02-24

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COLLINS, RAYMOND M. 2,802,339
CONAGRA FOODS RDM, INC. 2,704,608
CONCORDIA COFFEE COMPANY, INC. 2,793,212
CONEX DIGITAL LLC 2,987,611
CONSOLI, FRANK 2,843,889
CONSTRUCTION RESEARCH & TECHNOLOGY GMBH 2,869,703
CONTIUGA, IRINA MANUELA 2,774,331
COOK, LEON 2,823,754
COOPER TECHNOLOGIES COMPANY 2,883,689
CORMIER, ERIC 2,779,573
CORN PRODUCTS DEVELOPMENT, INC. 2,749,839
CORTNER, THOMAS S. 2,898,887
COULTHARD, RICHARD DANIEL JOHN 2,805,119
COURCHAY, CHRISTINE 2,938,344
COUTTE, FRANCOIS 2,851,033
COVEY, CHRIS 2,843,889
COVIDIEN LP 2,899,073
COX, JOHN BENJAMIN 2,927,087
CRADLEPOINT, INC. 2,723,155
CRAWFORD, MARK A. 2,751,185
CRAYOLA LLC 2,869,665
CRAYOLA LLC 2,939,113
CRISTINI, GIOVANNI 2,811,516
CRITICAL OUTCOME TECHNOLOGIES, INC. 2,710,039
CRIVELLI, ROCCO 2,710,907
CROWLEY, JAMES H. 2,742,005
CROWLEY, JAMES H. 2,935,943
CRULL, JEFFREY L. 2,834,103
CUEVAS, KEVIN H. 2,843,202
CUMMINS, CHRISTY 2,928,098
CYTOSORBENTS CORPORATION 2,795,177
DADE, NIGEL 2,936,964
DAILY, CHRISTOPHER GEORGE 2,947,745
DAMBRINE, BRUNO JACQUES GERARD 2,828,388
DAMNJANOVIC, ALEKSANDAR 2,643,928
DANIEL MEASUREMENT AND CONTROL, INC. 2,893,281
DANTER, WAYNE R. 2,710,039
DAUGAARD, DAREN E. 2,771,636
DAVIDEIT, DANIEL E. 2,806,384
DAVIDSON, KYLE R. 2,800,069
DAZO, PHILIP EDWARD 2,704,608
DEAMICIS, CARL 2,759,190
DEB, BIPLAB 2,768,436
DEGEN, DORIAN 2,946,346
DEGRANDE, TANIKA 2,869,985
DELTA ELECTRONICS, INC. 2,719,753
DELTA FAUCET COMPANY 2,800,069
DENG, JUN 2,792,995
DEORE, VIJAYKUMAR BHAGWAN 2,935,897
DEPUY INTERNATIONAL LIMITED 2,740,854
DERKX, PATRICK MARIA FRANCISCUS 2,656,313
DESAI, NEIL P. 2,680,207
DESJARDINS, SONIA 2,969,282
DESSINGES, AIMEE 2,938,344
DEVILLE, JAY PAUL 2,908,968
DEVILLE, JAY PAUL 2,920,463
DH TECHNOLOGIES DEVELOPMENT PTE. LTD. 2,807,246
DHULSTER, PASCAL 2,851,033

DI FEDERICO, IVAN GIOVANNI 2,991,427
DI STEFANO, ANTONIO 2,727,339
DITULLIO, ROBERT J. 2,975,770
DIXON, CRAIG 2,730,622
DJUPESLAND, PER GISLE 2,438,977
DOANE, ANDREW J. 2,857,132
DOBSON, BARRY 2,843,889
DOLDER, BRIAN C. 2,703,681
DOMEC, BRENNAN S. 2,912,868
DOMERGUE, FREDERIC 2,517,253
DORE, ERIK 2,799,623
DORSEY, KEVIN 2,809,358
DOW AGROSCIENCES LLC 2,759,190
DOW AGROSCIENCES LLC 2,795,570
DOW GLOBAL TECHNOLOGIES LLC 2,802,339
DOWNTON, GEOFFREY 2,694,858
DRAIJER, RICHARD 2,798,911
DRAPER, WILLIAM CHRISTOPHER JR. 2,433,587
DU, JINFA 2,748,057
DU, KUNWEN 2,785,945
DU, KUNWU 2,785,945
DUGGAL, CHARU 2,813,094
DUMITRESCU, ION 2,798,664
DUPONT NUTRITION BIOSCIENCES APS 2,656,313
DUQUE, LUIS 2,912,880
DURAND, ROBERT 2,806,768
DURR SYSTEMS GMBH 2,725,904
DWORAK, DALLAS MARTIN, JR. 2,883,689
DYNOMAX DRILLING TOOLS INC. 2,761,167
EBNER, NORBERT 2,841,481
ECKELBARGER, JOSEPH D. 2,759,190
ECKERT, ROBERT 2,920,936
EDEN, GEORG 2,909,338
EDIFIRE LLC 2,959,999
EDMUNDS, TIMOTHY 2,626,542
EGGERT, DANIEL 2,920,211
EHRLICH, RODNEY P. 2,818,655
EISEN, PHILIP ALLAN 2,806,768
EKIN, ABDULLAH 2,792,995
EMERSON, MARK 2,825,420
ENGINEERED CORROSION SOLUTIONS, LLC 2,737,707
ENVIRONMENTAL WASTE INTERNATIONAL INC. 2,741,882
ENZYCHEM LIFESCIENCES CORPORATION 2,922,171
ESCAMILLA GARZA, RAMIRO 2,673,519
ESTABROOK, RICHARD 2,843,889
ETI SOLID STATE LIGHTING INC. 2,885,837
EVANS, ROBERT E. 2,764,544
EVONIK CORPORATION 2,784,995
FABRICAS MONTERREY, S.A. DE C.V. 2,673,519
FAIDI, WASEEM IBRAHIM 2,687,808
FALKENSTEIN, MICHAEL K. 2,884,490
FALLON, GARY 2,963,731
FAN, HSIAO I. 2,791,036
FENG, CHUNRONG 2,900,120
FERGUSON, HILL 2,867,268
FETE, RAYMOND 2,869,703
FFA SCIENCES, LLC 2,712,344
FINASHINA, ELENA DMITRIEVNA 2,752,409
FISCELLI, GIUSEPPE 2,727,339
FLOCK, STEPHEN T. 2,882,131
FOLEY, CHRISTOPHER P. 2,433,587
FOO, KHON PU 2,918,437
FOREMAN, RUTH 2,698,091
FOSTER, MICHAEL EDWIN 2,859,805
FRANCHET, JEAN-MICHEL PATRICK MAURICE 2,823,497
FRANK'S INTERNATIONAL, LLC 2,912,868
FRANTZ, ERIC B. 2,898,887
FRIEDBERGER, ALOIS 2,804,941
FROMMER, THOMAS P. 2,746,347
FUJIMAKI, TOSHIYUKI 2,764,544
FUJITSU LIMITED 2,935,332
FULLER, BRYAN B. 2,866,527
FURR, MICHAEL B. 2,857,132
GAJJI, BHARGAV 2,924,122
GALLAGHER, TIMOTHY PATRICK, JR. 2,859,805
GAMAGE, PUBUDU H. 2,908,968
GAMBATESA, DARREN 2,869,703
GAMBREL, TIMOTHY WAYNE 2,820,852
GAMPERLING, MICHAEL 2,768,317
GANE, PATRICK A. C. 2,941,527
GAO, YU 2,871,628
GARCIA PEDRAZA, JOSE ANTONIO 2,673,519
GARIZI, NEGAR 2,759,190
GARZA-MARTINEZ, LUIS G. 2,910,703
GAULARD, FABIEN PIERRE GUY 2,796,401
GAURAV, KUMAR 2,813,094
GAVANIER, PIERRE 2,986,511
GE HEALTHCARE LIMITED 2,797,472
GE LIGHTING SOLUTIONS, LLC 2,896,772
GELLIBERT, FRANCOISE 2,938,344
GEMVAX & KAEL CO., LTD. 2,926,183
GENERAL ELECTRIC COMPANY 2,768,436
GENERAL ELECTRIC COMPANY 2,785,891
GENERAL ELECTRIC COMPANY 2,824,204
GENERAL ELECTRIC COMPANY 2,845,969
GENERAL ELECTRIC COMPANY 2,913,537
GENERAL ELECTRIC TECHNOLOGY GMBH 2,839,326
GENERAL MILLS, INC. 2,927,568
GENERAL PACKER CO., LTD. 2,826,980
GENZYME CORPORATION 2,626,542
GEORGETOWN RAIL EQUIPMENT COMPANY 2,770,923
GERARD, DANIEL E. 2,941,527
GERIS, RYAN ALEXANDER 2,827,594
GHOSH, DEBASHIS 2,927,640
GHOSH-DASTIDAR, ABHIJIT 2,802,339
GIACONIA, GIUSEPPE COSTANTINO 2,727,339
GIANNATOS, KALLIOPI 2,730,044
GIASSON, DAVID 2,798,664
GIET, GABRIELLE 2,937,727
GILEAD PHARMASSET LLC 2,748,057
GILLAM, DAVID G. 2,863,674
GILLANDERS, LARRY 2,931,789
GINGGEN, ALEC 2,710,907
GIORNI, EUGENIO 2,687,808
GODON, THIERRY 2,828,388
GOERING, JONATHAN 2,893,606
GOLOBISH, THOMAS D. 2,795,177
GOODMAN, KEVIN DENNIS 2,893,097
GOOSMAN, SCOTT JEFFREY 2,704,608
GOULD, KIM V 2,670,617
GOUMENT, BERTRAND 2,938,344
GOVAERS, KRISTOFFEL 2,788,646
GPCP IP HOLDINGS LLC 2,727,097
GPCP IP HOLDINGS LLC 2,943,945
GRAHAM, TODD 2,687,536
GRANETO, JOSEPH A., III 2,738,956
GRAPES, ROBERT 2,672,775
GREGG, PETER 2,841,952
GREGORITS, KERSTIN 2,805,944
GREGORY, MARVIN A. 2,774,698
GRESZTA-FRANZ, DOROTA 2,792,995
GRIDINOC, LAURIAN 2,979,614
GRIGOLEIT, JAN 2,725,904
GRIGSBY, ROBERT A., JR. 2,765,019
GROSSMAN, KARL 2,632,718
GRUBB, SCOTT 2,843,889
GRUNENBERG, ALFONS 2,939,529
GU, YUAN XIANG 2,672,775
GUEZ, JEAN-SEBASTIEN 2,851,033
GULLA, SHAWN 2,843,889
GUNSTER, JENS 2,886,438
GUO, RONGWEI 2,687,536
GUPTE, ANUP A. 2,920,211
HAAG, DIETER 2,939,529
HACKENBERGER, DANE E. 2,687,808
HAEHNLE, HANS-JOACHIM 2,733,503
HAGBERG, ERIK 2,852,091
HAGE, RONALD 2,796,401
HAGER, STANLEY L. 2,796,656
HAHN, DUSTAN 2,937,726
HALDER, SOMNATH 2,935,897
HALL, JEREMY T. 2,857,132
HALL, LEE S 2,670,617
HALLIBURTON ENERGY SERVICES, INC. 2,873,053
HALLIBURTON ENERGY SERVICES, INC. 2,881,111
HALLIBURTON ENERGY SERVICES, INC. 2,898,887
HALLIBURTON ENERGY SERVICES, INC. 2,908,968
HALLIBURTON ENERGY SERVICES, INC. 2,920,463
HALLIBURTON ENERGY SERVICES, INC. 2,924,122

HALLIBURTON ENERGY SERVICES, INC. 2,925,272
HALLIBURTON ENERGY SERVICES, INC. 2,926,615
HALLIBURTON ENERGY SERVICES, INC. 2,927,087
HALLIBURTON ENERGY SERVICES, INC. 2,927,572
HALLIBURTON ENERGY SERVICES, INC. 2,928,921
HALLIBURTON ENERGY SERVICES, INC. 2,939,391
HALLIBURTON ENERGY SERVICES, INC. 2,959,595
HANDLEY, MICHAEL K. 2,882,131
HANNUKSELA, MISKA 2,909,566
HANSEN, JORGEN P. 2,797,506
HANSEN, WAYNE MATTHEW 2,757,748
HANTSOO, EERIK T. 2,754,880
HANUS, GARY J. 2,623,169
HANUSSE, PATRICK 2,796,172
HANUSSE, PATRICK 2,797,886
HAPELLA OY 2,882,415
HAQUE, EHTESHAMUL 2,943,945
HARLANDER, FLORIAN 2,938,852
HARLESS, MICHAEL 2,965,625
HARNISCHFEGER TECHNOLOGIES, INC. 2,825,420
HARTLEY, KEVIN 2,843,889
HARTMAN, GREGORY A. 2,788,857
HARVEY, MICHAEL JAMES 2,761,167
HASANI, FISNIK T. 2,995,346
HASEGAWA, TOMOO 2,870,662
HATCH LTD. 2,968,421
HATTORI, KAZUHIRO 2,943,749
HAUGVALDSTAD, KJELL 2,694,858
HAUPTMAN, JONAS 2,785,319
HAUSMANN, JOHANNES 2,778,303
HAY, GORDON 2,866,566
HAYES, DEBORAH E. 2,792,995
HAYWARD, MATTHEW MERRILL 2,900,302
HE, KAI 2,941,370
HE, TAO 2,911,416
HEATH, RICHARD W. 2,883,689
HEDMAN, PETER 2,766,689
HEFETZ, YARON 2,785,891
HEINZ, ERNST 2,517,253
HELDT, ROBERT F. 2,725,904
HELMS, LONNIE 2,926,615
HEMBER, MILES WILLIAM NOEL 2,843,889
HEMMINGSEN, ANJA KELLET-SMITH 2,656,313
HENDERSON, DAGAN 2,959,999
HENDRICK VAN DER LEE, JAMES 2,735,312
HENRY, ROBERT 2,939,113
HERBERT, CORENTIN 2,804,915
HERBERT, CORENTIN 2,805,065
HERMARY OPTO ELECTRONICS INC. 2,683,206
HERMARY, ALEXANDER T. 2,683,206
HERMARY, TERRANCE J. 2,683,206
HERR, ANNA Y. 2,925,848
HERR, QUENTIN P. 2,925,848
HEWITT, JIM 2,843,889
HIGH GEAR SPECIALTIES, INC. 2,789,777
HILFIKER, ROLF 2,773,305
HILL, DOUGLAS BLAIR 2,830,491
HILL, RENNIE 2,780,280
HILL, ROBERT 2,863,674
HINDS, JON 2,809,358
HIRAKATA, MIKITO 2,825,165
HOECK, MATTHIAS 2,888,450
HOEKSTRA, WILLIAM J. 2,785,898
HOHLFELD, MATTHEW W. 2,837,090
HOLT, THORSTEIN 2,737,707
HOME DEPOT INTERNATIONAL, INC. 2,833,453
HONDA MOTOR CO., LTD. 2,874,075
HONDA MOTOR CO., LTD. 2,941,222
HOOLI, KARI JUHANI 2,947,918
HOPPE, RON 2,965,625
HOSHINOYA, TAKESHI 2,874,075
HOWARD, EDWARD JOHN 2,947,745
HOWARD, JOEL SCOTT 2,770,923
HOWARD, PHILIP WILSON 2,850,096
HOWARD, STEPHEN J. 2,852,091
HOWES, SIMON A. M. 2,716,901
HSU, CHIEHLUNG JAY 2,943,945
HUANG, SHI 2,911,416
HUANG, XIAOLONG 2,824,287
HUBBELL, JOHN R. 2,433,587
HUBER, ANDREW HENRY 2,712,344
HUBERT, PIERRE-JULIEN 2,986,511
HUDELSON, G. D. STEPHEN 2,754,880
HUFFER, WILLIAM RYAN 2,927,087
HUFFINGTON, TODD 2,800,069
HUGG, JAMES WILLIAM 2,785,891
HUNDEMER, HANK 2,972,049
HUNT, GARETH 2,936,964
HUNTER, GORDON 2,744,942
HUNTER, RICKY 2,759,190
HUNTING TITAN, INC. 2,933,326
HUNTSMAN INTERNATIONAL LLC 2,765,019
HUNZEKER, DAN 2,927,568
HUOT CARLSON, JENNIFER CAITLIN 2,843,889
HUR, JUNG MU 2,933,153
HUSKEN, HENK 2,799,117
HYDER, LASHANNON S. 2,896,772
I'ANSON, JESS 2,912,813
ICP MEDICAL, LLC 2,738,956
IDE, TAKESHI 2,923,950
IEPEREN, TACO VAN 2,830,491
IIZUKA, TOSHIKO 2,790,783
ILLINOIS TOOL WORKS INC. 2,788,594
ILLINOIS TOOL WORKS INC. 2,936,964
IMAM, NASHIM 2,936,964
INGENICO GROUP 2,752,359
INNOCRIN PHARMACEUTICALS, INC. 2,785,898
INNOVA PATENT GMBH 2,948,892
INSIGHT INNOVATIONS, LLC 2,843,202
INTELLIGENT DRILLING TOOLS LIMITED 2,744,942
INTRATOR, NATHAN 2,979,785
INTUIT INC. 2,911,448
IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC. 2,771,636
IOZZELLI, FEDERICO 2,687,808
IRDETO B.V. 2,672,775
IRDETO B.V. 2,806,768
ISHIDA, TAKASHI 2,935,481
ISHIKAWA, SHINJI 2,826,980
ISHTIAQ, FAISAL 2,903,241
JABLONSKI, LAURENT 2,824,379
JACK SEALEY LIMITED 2,912,813
JACKSON, THOMAS BATES 2,843,889
JACOBS, RENATE GEMMA JACOBINA MARIA 2,799,117
JACQUES, PHILIPPE 2,851,033
JAENISCH, RUDOLF 2,698,091
JAMES HARDIE TECHNOLOGY LIMITED 2,765,496
JAMES, PAUL 2,785,319
JANAVICIUS, PAUL VALDAS 2,910,703
JANG, YUNGTEAK 2,719,753
JANSEN, BERND 2,943,447
JANSEN, BERND 2,946,353
JASTI, VENKATESWARLU 2,929,309
JASTRZEBSKI, MACIEJ URBAN 2,968,421
JAUTARD, YVES 2,684,545
JAYNES, ROBERT 2,920,936
JAZZ PHARMACEUTICALS, INC. 2,794,171
JEHN-RENDU, CHRISTIAN 2,733,503
JENNINGS, KENNETH W. 2,885,674
JEONG, HAE-SEOK 2,749,839
JERONIMO, PHILIPPE 2,665,350
JIA, WENLI 2,687,536
JIANGNAN ENVIRONMENTAL PROTECTION GROUP INC. 2,971,655
JIN, PU 2,979,419
JOECKEN, JOHN ANDREW 2,765,496
JOHNSON, ASHLEY 2,694,858
JOHNSON, BRIAN W. 2,800,069
JOHNSON, DAVID ALAN 2,723,155
JOHNSON, JAY J. 2,797,066
JOHNSON, PETER L. 2,759,190
JOHNSON, TIMOTHY C. 2,759,190
JOINT STOCK COMPANY "PHARMASYNTEZ" 2,836,268
JOLY, PHILIPPE GERARD EDMOND 2,824,379
JONCZYK, RALF 2,754,880
JONES, KENNETH 2,737,707
JONES, RANDALL K. 2,751,185
JONES, ROSS 2,843,889
JONES, SAMUEL T. 2,771,636
JONTE, PATRICK B. 2,800,069
JORDAN, ANDREW 2,716,901
JOVANOVIC, MILAN M. 2,719,753
JUHASZ, ADAM 2,801,489

JULLIARD, JACQUES MICHEL ALBERT 2,799,543
KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.) 2,931,661
KABUSHIKI KAISHA TOSHIBA 2,923,950
KADAR DEVELOPMENTS LTD. 2,846,745
KADAR, JOSEPH ANTAL 2,846,745
KAHN, ARI 2,823,911
KAM, AMIT 2,979,785
KAMBHAMPATI, RAMA SASTRI 2,929,309
KAMIHARA, NOBUYUKI 2,907,817
KAMINO, YUICHIRO 2,907,817
KAMPF, JAMES PATRICK 2,712,344
KANATA CHEMICAL TECHNOLOGIES INC. 2,687,536
KANEKA CORPORATION 2,745,766
KANEKO, CHIE 2,781,166
KANG, HO BUM 2,922,171
KANG, JONGKOO 2,922,171
KANO, SATORU 2,931,661
KANTOR, STEVEN L. 2,741,882
KAPSCH TRAFFICCOM AG 2,812,804
KARCZEWICZ, MARTA 2,833,302
KARKKAINEN, AULIS 2,882,415
KASON INDUSTRIES, INC. 2,789,911
KATO, TOMOHISA 2,745,766
KAZUI, KIMIHIKO 2,935,332
KCI LICENSING, INC. 2,805,119
KECK, PAUL 2,940,206
KEIL, BIRGIT D.I. 2,939,529
KELLER, RALF 2,766,689
KENNEDY, BEN 2,876,412
KENNEDY, BRETT W. C. 2,797,472
KETTUNEN, MIKKO IIVARI 2,797,472
KEY, JOHN ROLAND 2,926,615
KHUBANI, AJIT 2,965,060
KILBY, CHARLES FRAZER 2,843,889
KIM, HYE KYUNG 2,922,171
KIM, JAE WHA 2,922,171
KIM, SANG JAE 2,926,183
KIM, STANLEY 2,820,684
KINESIS IDENTITY SECURITY SYSTEM INC. 2,885,674
KING, ROBERT WAYNE 2,889,598
KINNEY, CAROL L. 2,792,995
KINZE MANUFACTURING, INC. 2,937,726
KIRKHOPE, KENNEDY J. 2,939,391
KIRSCH, REINHARD 2,804,915
KIRSCHEN, MARCUS 2,888,450
KISHIMOTO, KAZUAKI 2,907,817
KISHIMOTO, KAZUAKI 2,935,481
KITAZOE, MASATO 2,910,098
KLEIN, GILLES CHARLES CASIMIR 2,823,497
KLEINFELD, ALAN MARC 2,712,344
KLETZEL, ROBERT J. 2,774,698
KLODOWSKI, ANTHONY MICHAEL 2,824,204
KM, MANOJ KUMAR 2,687,808
KNIESBURGES, PETER 2,839,326
KNOLL, INC. 2,801,412
KNUDSEN, DAVID L. B. 2,943,945
KOBAYASHI, SHINJI 2,923,950
KOBLANSKI, JOHN 2,619,707
KOCHELEK, JEFFREY T. 2,737,707
KOEHLER, CHARLES J., III 2,703,681
KOFAX INTERNATIONAL SWITZERLAND SARL 2,778,303
KOFMAN, JEFFREY 2,979,614
KOGA, YASUHIRO 2,790,783
KOKKO, BRUCE J. 2,727,097
KOKKO, BRUCE J. 2,943,945
KONINKLIJKE PHILIPS ELECTRONICS N.V. 2,792,736
KONNERT, MARC 2,938,344
KONO, SHINJI 2,943,749
KONTOS, CHRISTOPHER THEODORE 2,746,347
KOPECEK, JOSEPH THOMAS 2,760,086
KOPFENSTEINER, PETER 2,938,852
KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY 2,922,171
KOREN, JACOB 2,749,251
KORN, ARTHUR 2,782,210
KOSTNER, MIRCO, ELIAS 2,811,530
KOYAMA, JUNPEI 2,935,332
KOYAMA, TAKAYUKI 2,935,481
KRAGH, KARSTEN MATTHIAS 2,656,313
KRAMER, PAUL OWEN 2,765,496
KRAUSSMAFFEI TECHNOLOGIES GMBH 2,806,503
KRIEGER, CHERYL 2,939,113
KRUEGER, ELLEN 2,733,503
KRZYWICKI, ANDRZEJ 2,752,409
KUBITZA, MATTHIAS 2,768,317
KUCHEROV, ALEKSEY VICTOROVICH 2,752,409
KUMAR, SANJAY 2,935,897
KURAN, GREG 2,739,252
KURELLA, SOMESH 2,924,122
KUSTOV, LEONID MODESTOVICH 2,752,409
KWAN, THOMAS 2,712,344
KWON, HYUK-KON 2,749,839
L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE 2,797,168
LABONNE, ELLA 2,848,014
LABORDE, JOHN 2,931,789
LADI, RAM L. 2,873,053
LAINEMA, JANI 2,909,566
LAJEWARDI, FARHAD 2,884,490
LAMOTHE, DENIS 2,980,627
LAMOTHE, JEAN 2,980,627
LANDIS, CHARLES R. 2,898,887
LANDMARK GRAPHICS CORPORATION 2,889,722
LANDSCAPE STRUCTURES INC. 2,955,004
LANDY VENT UK LIMITED 2,691,409
LANE, DALE 2,937,727
LANGFORD, DALE 2,933,326
LARSEN, EINAR VAUGHN 2,824,204
LARSON, DAVID 2,862,937
LASSALE, GILBERT 2,804,915
LASSALLE, GILBERT 2,805,065
LASSEN, MATTHEW AUGUST 2,859,805
LATEXFALT B.V. 2,774,331
LAU, CHEUK KUN 2,710,039
LAVON, GARY DEAN 2,904,391
LAWSON, LAWRENCE J. 2,862,937
LAWTON, STEPHEN 2,746,541
LEADEX CARDIAC LTD. 2,749,251
LEBEAU JACOB, CHRISTIAN 2,969,282
LECLERE, VALERIE 2,851,033
LECONTE, GILBERT MICHEL MARIN 2,823,497
LECOUTURIER, DIDIER 2,851,033
LEE, HSHIN-CHUNG 2,791,036
LEE, HSIN CHIN 2,871,628
LEE, JAE-HO 2,749,839
LEE, MICHAEL 2,789,777
LEE, SUNG JAMES 2,764,665
LEE, YOUN JAE 2,913,887
LEGGE, RYAN 2,937,726
LEGGETT, MARK JAMES 2,944,223
LEGO A/S 2,814,318
LEIJON, MATS 2,799,623
LEITCH, OLAN 2,912,880
LENDER, ANDREAS 2,939,529
LENK, UWE 2,919,753
LENNON, DAVID B. 2,857,132
LES LABORATOIRES SERVIER 2,938,344
LES PRODUITS DRC INC. 2,961,668
LEUFKENS, PAUL WILLEM THERESIA JOSEF 2,837,129
LEVENSTEIN, LAWRENCE M. 2,844,315
LFB USA, INC. 2,626,542
LI, JIE 2,869,665
LI, RENXIANG 2,903,241
LI, RUI 2,911,416
LI, YUFU 2,740,854
LIBELTEX 2,869,985
LIBERTY DIVERSIFIED INTERNATIONAL, INC. 2,785,319
LIEM, CLIFFORD 2,806,768
LIFELINE PRODUCTS, LLC 2,809,358
LIM, CHIN WEE 2,927,572
LIM, CHONG SOON 2,837,541
LINDHOLM, FREDRIK 2,766,689
LINDSAY TRANSPORTATION SOLUTIONS, INC. 2,940,206
LIU, JIQUAN 2,911,416
LIVANEC, PHILIP WAYNE 2,925,272
LOBODA, ALEXANDRE V. 2,807,246
LOCKE, CHRISTOPHER BRIAN 2,805,119
LOISELET, BENOIT 2,797,168
LOMBARDINI, MARCO 2,896,403
LOMBI, ROBERTO 2,797,285

LOMMERTS, BERT JAN 2,774,331
LOPEZ, JEAN MARC 2,927,087
LORENZ, ADAM M. 2,754,880
LUNDEQUIST, YNGVE 2,808,127
LUNDQUIST, DAVID 2,876,412
LUNTTILA, TIMO ERKKI 2,947,918
LUO, CAIDIAN 2,765,496
LUO, JING 2,971,655
MACGREGOR, NORMAN J. 2,972,841
MACLEOD, IAIN 2,927,157
MACRI, JOHN G. 2,818,363
MAGNA CLOSURES INC. 2,746,347
MAGNAUDEIX, DOMINIQUE 2,823,497
MAHAN, MICHAEL P. 2,837,090
MAITROT, AUDE 2,848,014
MAJOR, DANIEL JONAS 2,893,097
MAKISHIMA, SATOSHI 2,790,783
MALAMAL VADAKITAL, VINOD KUMAR 2,909,566
MALY, PAUL J. 2,882,251
MANDYAM, GIRIDHAR D. 2,837,090
MANKU, MEHAR 2,751,576
MANN+HUMMEL FILTRATION TECHNOLOGY US LLC 2,945,160
MANOVI, CERIM 2,814,318
MAO, LIJUN 2,765,496
MARANITSCH, ALEXANDER 2,888,450
MARASIGAN, ANNA VIRGINIA 2,704,608
MARCHAND, SHAWN 2,746,347
MARCHITTO, KEVIN S. 2,882,131
MARCUS, DAVID A. 2,867,268
MARDJONO, JACKY NOVI 2,799,543
MARKLAND, PETER 2,784,995
MARKS, LUCAS A. 2,793,212
MARSON, ALEXANDER 2,698,091
MARTINEZ, CARLOS 2,770,923
MARTINEZ, NICOLAS ALEJANDRO 2,843,889
MARTY, GARRY R. 2,800,069
MARTZ, JONATHAN T. 2,792,995
MASS, STEPHAN 2,939,529
MASTERCARD INTERNATIONAL INCORPORATED 2,927,640
MATTHEEUSSEN, STEVEN B. 2,943,945
MAULDING, MATTHEW E. 2,903,304
MAXOR INC. 2,980,627
MAYEKAWA MFG. CO., LTD. 2,943,749
MCCLAIN, MICHAEL 2,893,606
MCCONAUGHY, SHAWN DAVID 2,915,920
MCGREGOR, CRAIG 2,820,852
MCLAUGHLIN, JAMES M. 2,793,212
MCLAUGHLIN, ROSIE 2,716,901
MCLEOD, CASANDRA L. 2,759,190
MCPHERSON, JOHN 2,626,542
MCWEENEY, JOHN O. 2,899,073
MEADE, HARRY M. 2,626,542
MEADE, JOHN 2,862,437
MEDANA, GUIDO 2,748,858
MEDIMMUNE LIMITED 2,850,096
MEHAN, JOHNSTON RICHARD EDWARD 2,672,775
MEIER, RALPH 2,778,303
MEJLDAL, RIE 2,656,313
MELNICK, SUSAN MARIE 2,764,665
MENDHE, RAKESH BHAIYYARAM 2,794,688
MERCIER, CHRISTIAN 2,986,511
METRAL, MAX E. 2,867,268
MICHATEK K.S. 2,938,852
MICHELSON, GLENN 2,708,264
MICHIELS, DANY 2,869,985
MIKLOS, JOHN A. 2,742,005
MIKLOS, JOHN A. 2,935,943
MILLER, KEVIN CHRISTOPHER 2,857,132
MILLS, GARY 2,860,812
MISUMI, MASARU 2,920,130
MITCHELL, BRETT A. 2,789,911
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,907,817
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,935,481
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,938,062
MIYAMOTO, SHIGEHIKO 2,745,766
MIZUSAWA, YOSHITADA 2,764,544
MOHAPATRA, SHIVAJIT 2,903,241
MONDOTTICA INTERNATIONAL LIMITED 2,748,858
MONSANTO TECHNOLOGY LLC 2,742,005
MONSANTO TECHNOLOGY LLC 2,935,943
MOORE, MICAH N. 2,796,656
MORAIS GOMES, CYNTHIA 2,886,438
MORI, YOSUKE 2,870,662
MORIARTY, CHRISTOPHER J. 2,765,019
MORITZHUBER, JOHANNES 2,948,892
MORLEY-SMITH, JAMES 2,876,412
MORRIS, CASSANDRA E. 2,809,761
MORUZZIS, MICHEL 2,748,347
MOSKAL, MICHAEL 2,869,665
MOSTOLLER, MATTHEW EDWARD 2,947,745
MOTTRAM, NIAL ALLAN 2,843,889
MUELLER, WOLFGANG 2,764,544
MUHLER, THOMAS 2,886,438
MULEY, SHEETAL R. 2,900,960
MULHERIN, JOHN P. 2,937,726
MULLER, MANUEL 2,947,375
MULLER, MATHIAS 2,942,449
MULTI-CHEM GROUP, LLC 2,941,370
MULTI-CHEM GROUP, LLC 2,965,625
MUSSIG, STEFAN 2,869,703
MUTSCHLER, RALPH 2,910,703
MYSORE SRINIVASAMURTHY, JAYANTH 2,670,617
NAAMAN, OFER 2,925,848
NAGARAJAN, SIVAKUMAR 2,893,097
NAGARATHINAM, DHANAPALAN 2,748,057
NAING, SUE MON THET 2,837,541
NAKAGAWA, AKIRA 2,935,332
NAKAO, KAZUHISA 2,787,886
NAKAZATO, MORIKUNI 2,758,661
NALCO COMPANY 2,762,852
NALL, EILEEN M. 2,793,212
NANO-C, INC. 2,770,997
NATSUTANI, ITARU 2,805,219
NEAL, BRIAN L. 2,796,656
NEAS, EDWIN D. 2,882,131
NEDLEY, KENNETH PAUL 2,845,969
NEEDHAM, MICHAEL L. 2,903,241
NELSON, ANDREW D. 2,788,594
NETGEAR, INC. 2,800,904
NEUROPHYXIA B.V. 2,837,129
NEW MEDIC CO., LTD. 2,933,153
NGUYEN, QUAN H. 2,793,212
NICHIHA CORPORATION 2,881,381
NICOLINI, MATTEO 2,797,285
NIKE INNOVATE C.V. 2,767,654
NIROGI, RAMAKRISHNA 2,929,309
NISHI, TAKAHIRO 2,807,957
NISHI, TAKAHIRO 2,837,541
NISSAN MOTOR CO., LTD. 2,987,368
NISSAN MOTOR CO., LTD. 2,991,234
NIYAZ, NOORMOHAMED M. 2,759,190
NOBEL BIOCARE SERVICES AG 2,798,664
NODA, YOSHITOMO 2,938,062
NOKIA SOLUTIONS AND NETWORKS OY 2,947,918
NOKIA TECHNOLOGIES OY 2,909,566
NOLTE, STEVE 2,937,726
NOMURA, FUMIHIRO 2,870,662
NORTHROP GRUMMAN SYSTEMS CORPORATION 2,925,848
NOVA CHEMICALS CORPORATION 2,752,409
NOVAK, THOMAS J. 2,843,889
NOVAMONT S.P.A. 2,797,285
NUOVO PIGNONE S.P.A. 2,687,808
NUVO GROUP LTD. 2,979,785
O'CONNOR, RAYMOND M. 2,991,427
O'CULL, LARRY D. 2,800,069
O'LEARY, KEVIN PATRICK 2,762,852
O'NEILL, AUSTIN 2,746,347
O'PREY, CORMAC 2,843,889
O'SHEA, CHANELLE 2,961,668
OERLIKON SURFACE SOLUTIONS AG, PFAFFIKON 2,811,530
OETIKER SCHWEIZ AG 2,947,375
OETTER, GUENTER 2,774,318
OGASA, KAZUO 2,790,783
OGREL, ANDREI 2,840,079
OH, SEI-RYANG 2,922,171
OHMURA, JUN 2,941,222
OKABE, YOSHITAKE 2,764,544
OLAH, GEORGE A. 2,886,004
OLLERENSHAW, ANDY 2,744,942
OLOMUTZKI, YOAV 2,749,251
OLSON, LEE A. 2,823,311
OLSSON, ASA 2,812,531
OLSSON, MAGNUS 2,766,689

OMNICELL, INC. 2,820,684
OMYA INTERNATIONAL AG 2,941,527
ONG, FRANK SHAODE 2,869,703
ONO, KOUJI 2,941,222
OOISO, KEIICHI 2,874,075
OPTINOSE AS 2,438,977
ORGAN TECHNOLOGIES, INC. 2,787,886
OSBORNE, GREGORY 2,779,231
OSGOOD, PETER N. 2,799,186
OSTERLOH, IAN 2,751,576
OTA, MAKOTO 2,931,661
OWATARI, KOSUKE 2,938,062
OZ, OREN 2,979,785
PACKARD, ROSS 2,843,889
PALOMINO, YANN 2,850,946
PAN, YUN 2,965,060
PANAGHISTON, MARK 2,979,614
PAPE, HENRIK 2,811,449
PAPONETTI, RICK 2,869,703
PARKER, MARSHALL H. 2,759,190
PARSONS, ERIC 2,779,231
PASSIES, HARRIET 2,774,331
PASZEK, NATE 2,904,673
PATEL, NANDINI CHATURBHAI 2,900,302
PATERNOSTRO, CARLO 2,816,402
PATIL, NITIN SOPANRAO 2,794,688
PAULUS, KERSTIN 2,939,529
PAULUS, PETER MARIE 2,778,365
PAYDAR, AKBAR 2,820,684
PAYPAL, INC. 2,867,268
PEAREN, DALE 2,968,421
PEGLION, JEAN-LOUIS 2,938,344
PEKAR, VLADIMIR 2,792,736
PELTZ, CHRISTOPHER DALE 2,886,864
PERDRIGEON, CHRISTOPHE 2,824,379
PEREZ, GREGORY PAUL 2,925,272
PERICOR THERAPEUTICS, INC. 2,739,463
PERIPRODUCTS LTD 2,863,674
PERNICH, DAN 2,759,190
PERSSON, HAKAN 2,808,127
PETERS, WILLIAM P. 2,738,956
PETERSON, PETER 2,843,889
PETRA INTERNATIONAL HOLDINGS, LLC 2,823,754
PFEIFFER, JAMES FREDERICK 2,794,171
PFIZER INC. 2,900,302
PHILLIPS 66 COMPANY 2,771,636
PHOENIX SOLUTIONS CO. 2,623,169
PICH, RENE 2,665,350
PIERZCHALSKI CARVALHO, RODRIGO 2,833,453
PIPE RESTORATION TECHNOLOGIES, LLC 2,931,789
PIPELINE INNOVATIONS LIMITED 2,780,280
PIRAMAL ENTERPRISES LIMITED 2,935,897
PIRON, CAMERON ANTHONY 2,959,209
PLASTEX SA 2,896,403
PLOURDE, MARC R. 2,746,347
PODOLSKI, JOSEPH S. 2,673,128
PODOLSKI, JOSEPH S. 2,722,753
POIRIER, BENJAMIN ANDRE FRANCOIS 2,799,543
POITEVIN, CHRISTOPHE 2,938,344
POLINSKY, GLENN 2,809,358
POLYTEX SPORTBELAGE PRODUKTIONS-GMBH 2,943,447
POLYTEX SPORTBELAGE PRODUKTIONS-GMBH 2,946,353
POPPE, GEORGE 2,852,091
PPG INDUSTRIES OHIO, INC. 2,792,995
PRABHAKARAN, KUMARESAN 2,918,437
PRAKASH, G.K. SURYA 2,886,004
PREGIS INNOVATIVE PACKAGING LLC 2,849,084
PRIMETALS TECHNOLOGIES USA LLC 2,799,186
PRYSMIAN S.P.A. 2,727,339
PURDUE PHARMA L.P. 2,900,960
QAZI, ARISH ASIF 2,792,736
QIAGEN BEVERLY, INC. 2,750,547
QU, LIANGWEI 2,965,625
QUALCOMM INCORPORATED 2,643,928
QUALCOMM INCORPORATED 2,824,287
QUALCOMM INCORPORATED 2,833,302
QUALCOMM INCORPORATED 2,837,090
QUALCOMM INCORPORATED 2,910,098
QUEST DIAGNOSTICS INVESTMENTS INCORPORATED 2,896,539
QUINN, JAMES D. 2,734,625
R.I.I. NORTH AMERICA INC. 2,739,252
R.P. SCHERER TECHNOLOGIES, LLC 2,716,901
RAFFERTY, STEPHEN WILLIAM 2,785,898
RAGER, TIMO 2,773,305
RAILKAR, SUDHIR 2,912,880
RAINS, CHRISTOPHER M. 2,849,084
RAJIC, MILAN 2,761,167
RAMEY, SCOTT H. 2,665,350
RAMSAY, TRAVIS ST. GEORGE 2,889,722
RAN, ALEXANDER S. 2,911,448
RASHTCHIAN, AYOUB 2,750,547
RASTOGI, KUSHAL 2,794,688
RAUCH, UDO 2,811,530
RAUNDAHL, CHRISTOFFER 2,814,318
RAUT, JANHAVI SANJAY 2,813,094
RAVEENDRAN, VIJAYALAKSHMI R. 2,824,287
REBHUHN, CARRIE M. 2,793,212
REESE, JACK R. 2,796,656
REEVE, RODNEY E. 2,623,169
REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG 2,888,450
REHRIG PACIFIC COMPANY 2,757,748
REHSE, JOACHIM 2,939,529
REICHOW, ALAN W. 2,767,654
REISSNER, FLORIAN 2,919,753
REITER, ROBERT E. 2,646,329
RENSEL, JOHN D. 2,817,063
RENZ, ANDREAS 2,517,253
REPROS THERAPEUTICS INC. 2,673,128
REPROS THERAPEUTICS INC. 2,722,753
RESMED SAS 2,850,946
REYAL, JEAN-PIERRE 2,684,545
RHAMDHANI, UMESH 2,820,852
RHYNE, GREGORY K. 2,945,160
RICHARD, DANIEL 2,968,421
RICHARDSON, CHRISTOPHER PAUL 2,843,889
RICHTER, HENNING 2,770,997
RICHTER, KLAUS 2,946,346
RIDE INC. 2,788,857
RIDKER, PAUL M. 2,624,601
RIOU, GEORGES JEAN XAVIER 2,799,543
RIPLEY, ROBERT C. 2,742,005
RIPLEY, ROBERT C. 2,935,943
RITE-HITE HOLDING CORPORATION 2,882,251
ROACH, CHRIS 2,843,889
ROBB, EWAN OGILVIE 2,881,111
ROBBINS, PETER L. 2,818,363
ROBINSON, TIMOTHY MARK 2,805,119
RODE, JOHN E. 2,863,789
ROLFFS, MERLAN 2,937,726
ROLL, MARK A. 2,945,160
ROLLINGS, NICHOLAS DAVID 2,843,889
ROLLINS, RAY 2,809,358
RONG, JACK JIEQUN 2,672,775
ROSS, RONALD, JR. 2,759,190
ROSSI, LAURENT 2,752,359
ROTH, DANILLO 2,710,907
ROTTJER, CHRISTOPH 2,814,318
ROYLANCE, JAMES MERRILL 2,768,436
ROZACKY, DAVID 2,770,923
RUDNIK, IAN DOUGLAS 2,933,326
RUEBENACKER, MARTIN 2,733,503
RUEPP, KRISTIAN 2,939,529
S.A. GIUSEPPE CRISTINI S.P.A. 2,811,516
S.P.C.M. SA 2,665,350
SACHS, EMANUEL M. 2,754,880
SAEKI, KENTAROU 2,938,062
SAHRAEI, MOHAMMAD R. 2,683,206
SAITO, KOICHI 2,935,481
SAKURA FINETEK U.S.A., INC. 2,764,544
SANDER, DIRK 2,943,447
SANDER, DIRK 2,946,353
SANGLIER, CHRISTOPHE 2,848,014
SANOFI 2,804,915
SANOFI 2,805,065
SANTAN, ONKAR PRAKASH 2,794,688
SAPPER, RICHARD 2,801,412
SARAGOVI, H. URI 2,671,613
SARTORIUS, FLORIAN 2,909,338
SASAI, HISAO 2,807,957
SASAI, HISAO 2,837,541
SASAKI, IZUMI 2,805,219
SASOL TECHNOLOGY (PROPRIETARY) LIMITED 2,820,852
SATINI, RAMESH 2,940,996
SAVARI, SHARATH 2,924,122

SAWADA, TAKESHI 2,920,130
SAWARGAVE, SANGAMESHWAR PRABHAKAR 2,935,897
SCHACHTER, DEBORAH 2,740,854
SCHAFER, JOCHEN 2,919,753
SCHALL, NORBERT 2,733,503
SCHANG, BERNARD 2,752,359
SCHARTNER, QUINN W. 2,788,594
SCHATZ, KURT 2,746,347
SCHERTLER, KURT 2,948,892
SCHILDROTH, RHETT 2,937,726
SCHINDLER, DANIEL 2,626,542
SCHLUESSELBAUER, JOHANN 2,781,729
SCHLUMBERGER CANADA LIMITED 2,694,858
SCHMITT, CAMILLA 2,843,889
SCHMITT, FABIEN YANNICK 2,843,889
SCHMITZ, DIRK 2,943,447
SCHMITZ, DIRK 2,946,353
SCHNEIDER, FRED 2,739,252
SCHOELKOPF, JOACHIM 2,941,527
SCHOTZINGER, ROBERT J. 2,785,898
SCHOUTEN, MATTHEW 2,823,311
SCHOVILLE, FRED P. 2,782,264
SCHULZ, EGAN 2,867,268
SCHUR TECHNOLOGY A/S 2,811,449
SCHWAB, OLIVER 2,909,677
SCHWAB, WILFRIED 2,939,529
SCHWARZ, DARREN SCOTT 2,893,281
SCIENTIFIC DRILLING INTERNATIONAL, INC. 2,904,673
SCZEKALLA, BEATE 2,802,339
SEABASED AB 2,799,623
SEAKR ENGINEERING, INC. 2,988,776
SEIFERT-HIGGINS, SIMONE 2,742,005
SEIFERT-HIGGINS, SIMONE 2,935,943
SEIGER, JASON G. 2,778,117
SEKISUI MEDICAL CO., LTD. 2,781,166
SENFLEBEN, JASON 2,882,251
SGOMBICH PEREZ, JORGE RUBEN 2,851,319
SHACKLETON, JOHN JOSEPH, JR. 2,770,923
SHAFFER, MYRON W. 2,792,995
SHAFRIR, ROEY 2,749,251
SHARMA, RAJIV 2,935,897
SHARP KABUSHIKI KAISHA 2,920,130
SHARP, WILLIAM T. 2,916,013
SHAUKAT, FAWAD 2,824,287
SHAW, JOHN ANDREW FERGUSON 2,968,421
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,778,365
SHELL, WILLIAM C. 2,770,923
SHEN, XIAOHONG 2,900,960
SHEPPARD, MICHAEL 2,694,858
SHI, LIU 2,965,625
SHIAO, MING-LIANG 2,912,880
SHIBAHARA, YOUJI 2,807,957
SHIBAHARA, YOUJI 2,837,541
SHIBUTANI, TAKASHI 2,938,062
SHIMA, HIDEKAZU 2,920,130
SHIMADA, SATOSHI 2,935,332
SHIN, KENTARO 2,987,368
SHINDE, ANIL KARBHARI 2,929,309
SHIROTA, AKIHIKO 2,923,950
SHISSIAS, RAYMOND S. 2,740,854
SHUKEN, RANDY 2,927,640
SHUMWAY, WILLIAM WALTER 2,908,968
SHURYGIN, MIKHAIL GENNADIEVICH 2,836,268
SHURYGINA, IRINA ALEKSANDROVNA 2,836,268
SICK, STEPHAN 2,943,447
SICK, STEPHAN 2,946,353
SIEMENS AG OESTERREICH 2,805,944
SIEMENS AKTIENGESELLSCHAFT 2,745,908
SIEMENS AKTIENGESELLSCHAFT 2,919,753
SIGNODE INDUSTRIAL GROUP LLC 2,907,294
SIKORA, JOSEPH ADAM 2,859,805
SIMANZHENKOV, VASILY 2,752,409
SIMMS, STEPHEN P. 2,741,882
SIMPSON, CHARLES 2,778,117
SINDLE, THOMAS J. 2,818,363
SINGH, DIPTI 2,959,595
SINGH, RAVI 2,893,097
SINGH, SACHCHIDA NAND 2,765,019
SIVARAJAN, RAMESH 2,770,997
SK BIOPHARMACEUTICALS CO., LTD. 2,764,665
SKIDATA AG 2,841,481
SKINPROTECT CORPORATION SDN BHD 2,918,437
SLAY, JEREMY BUC 2,881,111
SMALL, GREGORY J 2,670,617
SMART TECHNOLOGIES ULC 2,830,491
SMART, DAVID ALEXANDER 2,927,087
SMIT-KINGMA, IRENE ERICA 2,799,117
SMITH, DAN S. 2,788,857
SMITH, EDWARD DEWEY, III 2,915,920
SMITH, G. DOUG 2,751,185
SMITH, GEORGE A. 2,765,019
SMITH, JAMES C. 2,869,703
SMITH, JENNIFER 2,778,117
SMITH, NORMAN SCOTT 2,793,215
SNAP-ON INCORPORATED 2,834,103
SNAP-ON INCORPORATED 2,916,013
SNAP-ON INCORPORATED 2,920,211
SNECMA 2,799,543
SNECMA 2,823,497
SNECMA 2,824,379
SNECMA 2,828,388
SNF INC 2,665,350
SNOWDAY, H.T. 2,780,880
SNYDER, RONALD 2,801,412
SOFIA, MICHAEL JOSEPH 2,748,057
SOHN, KI YOUNG 2,922,171
SOLARTE 2,684,545
SONI, PARESH 2,751,576
SOON-SHIONG, PATRICK 2,680,207
SORENSEN, BO SPANGE 2,656,313
SOUGIOLTZIS, VASSILIOS 2,725,904
SPERA, MICHAEL 2,869,665
SPHEREA GMBH 2,804,941
SPINDLER, CHRISTIAN 2,774,318
SPX FLOW TECHNOLOGY USA, INC. 2,823,539
STACEY, GARY 2,843,889
STAEDTLER MARS GMBH & CO. KG 2,909,677
STAHL, TODD J. 2,623,169
STAMEY, WILLIE L., JR. 2,945,160
STARK, MARKUS 2,946,346
STARLOGIK IP LLC 2,823,911
STEGE, JASON 2,745,908
STOJANOVSKI, SASO 2,779,231
STONE, BRADLEY J. 2,882,251
STOVALL, THOMAS KENNETH 2,433,587
STOVER, RICHARD R. 2,739,463
SUENAGA, YUICHI 2,941,222
SUGIO, TOSHIYASU 2,807,957
SUGIO, TOSHIYASU 2,837,541
SUI-SENG, CHRISTINE 2,687,536
SUKUMARAN, ANISH 2,857,132
SULLIVAN, RYAN MATTHEW 2,765,496
SUMITOMO DAINIPPON PHARMA CO., LTD. 2,805,219
SUMMIT PACKAGING SYSTEMS, INC. 2,806,384
SUMNICHT, DANIEL W. 2,727,097
SUN PATENT TRUST 2,807,957
SUN, ZONGQI 2,687,808
SUNCOR ENERGY INC. 2,889,598
SUNDQVIST BYHLIN, ERIKA 2,808,127
SUNESIS PHARMACEUTICALS, INC. 2,708,264
SUPUT, MARKO 2,765,496
SUVEN LIFE SCIENCES LIMITED 2,929,309
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BENNICELLI, JEANNETTE 3,008,264
BENSON, ERIC 3,008,180
BERGOGNE, CHRISTIAN 3,008,710
BERNARD, CHARLOTTE 3,008,071
BERRY, JOE RODNEY 3,008,397
BERRY, JOE RODNEY 3,008,398
BERTHOUD, ROMAIN 3,008,051
BERTRAND, ROMAIN 3,008,052
BESS, LAURA S. 3,008,054
BETH ISRAEL DEACONESS MEDICAL CENTER, INC. 3,008,279
BEUKEMA, FLORUS HERMANUS 3,008,702
BEWICK, LINDSAY SUZANNE 3,008,233
BEWICK, LINDSAY SUZANNE 3,008,235
BEWICK, LINDSAY SUZANNE 3,008,239
BEYNEY, CHARLES 3,008,693
BHATTACHARYYA, BIPLAB 3,008,205
BIANCHI, ROBERTO 3,008,340
BILDER, DONNA M. 3,008,630
BILEN, JUAN MIGUEL 3,008,387
BILEN, JUAN MIGUEL 3,008,439
BILIC, SANELA 3,007,671
BILLON, JULIEN 3,008,320
BINDER, BRIANNA 3,008,290
BIOBOON LIMITED 3,008,746
BIOELECTRON TECHNOLOGY CORPORATION 3,008,849
BIOKINE THERAPEUTICS LTD. 3,008,107
BIOLOGICA TECHNOLOGIES 3,008,798
BIRKERT, THOMAS E. 3,008,627
BITDEFENDER IPR MANAGEMENT LTD 3,008,201
BITTER N TWISTED ENTERPRISES PTY LTD 3,008,294
BLAGOJEVIC, STEVAN 3,008,813
BLOTTIAUX, THOMAS 3,008,693
BLUE CUBE IP LLC 3,008,291
BOCHENTIN, THORSTEN 3,008,468
BOCHER, PHILIPPE 3,008,504
BOCKMAN, LESLIE 3,008,662
BODZIONY, MATTHEW 3,008,760
BONELLO, EDDY 3,008,414
BOO, CHRISTIAN 3,008,157
BORDE, XAVIER 3,008,740
BOREALIS AG 3,008,194
BORELLA, RAFFAELE 3,008,360
BORGHESANI, OMERO 3,008,801
BOSS, WALTER L. 3,008,118
BOSSART, MARTIN 3,008,052
BOSTROM, HERJE 3,008,748
BOUFFARON, RENAUD 3,008,710
BOULANGER, PIERRE 3,008,531
BOUNIOL, AUDREY CLAIRE FRANCOISE 3,008,246
BOUTILLIER, BENOIT 3,008,047
BOUTIQUE, JEAN-POL 3,008,246
BOUTIQUE, JEAN-POL 3,008,252
BOUTIQUE, JEAN-POL 3,008,400
BOUYSSIERE, BRICE 3,008,193
BOYD, ROBERT 3,008,266
BOYMAN, ONUR 3,008,440
BRACK, HOLGER 3,008,690
BRAHMANAPALLI, SYED SALEEM JAVID 3,008,285
BRAINSCOPE COMPANY, INC. 3,008,804
BRANDNER, MARCO 3,008,027
BRANDT, NIKLAS OLE 3,007,967
BRASKEM AMERICA, INC. 3,008,662
BRAYDEN, MARK K. 3,008,242
BREEDEN, WINSTON H., III 3,008,253
BRICOUT, DENIS 3,008,197
BRIDGESTONE AMERICAS TIRE OPERATIONS, LLC 3,008,126
BRIDIER, FLORENT 3,008,504
BRIEM, HANS 3,008,393
BRIGANCE, ROBERT PAUL 3,008,630
BRINKHAUS, JAN-WILM 3,008,082
BRISTOL-MYERS SQUIBB COMPANY 3,008,630
BRISTOL-MYERS SQUIBB COMPANY 3,008,678
BRITISH COLUMBIA CANCER AGENCY BRANCH 3,008,318
BRITTAIN, HARRY G. 3,008,422
BROG, YAACOV MICHA 3,008,808
BROOKER, ALAN THOMAS 3,008,233
BROOKER, ALAN THOMAS 3,008,235
BROOKER, ALAN THOMAS 3,008,239
BROTHER KOGYO KABUSHIKI KAISHA 3,008,767
BROUNS, DERK SERVATIUS GERTRUDA 3,008,050
BROUNS, DERK SERVATIUS GERTRUDA 3,008,477
BROWN, DAVID 3,008,550
BRUNNINGER, MANFRED 3,008,202
BUDDHARAJU, VENKATA 3,008,137
BUEKENHOUDT, ANITA 3,008,709
BUHL, ELMAR 3,008,565
BULIK-SULLIVAN, BRENDAN 3,008,641
BUNECI, EMILIA SORANA 3,008,453
BURGER, MATTHEW T. 3,008,098
BURN, PATRICK 3,008,402
BURNS, GREGORY 3,008,231
BUSBY, JENNIFER 3,008,641
BUSCHMANN, WAYNE E. 3,007,780

BUSH, SHAWN D. 3,008,613
BUSINEST PTY LTD 3,008,644
BUSSA, NAGARAJU 3,008,240
BUTLER, JOHN F., JR. 3,008,021
BUWALDA, GUILLAUME 3,007,895
BYLAND, TIMOTHY D. 3,008,282
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CABANAS CORRALES, MARIA 3,008,134
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CAFFITALY SYSTEM S.P.A. 3,008,207
CAI, JIAQIANG 3,008,018
CAI, YEGUI 3,008,199
CALDWELL, JEREMY 3,008,167
CALHOUN, RACHEL 3,008,632
CALLIZOT, NOELLE 2,988,432
CALZASCIA, THOMAS 3,008,102
CAMACHO, SUSANA 3,008,354
CAMERANO, JOSE 3,008,414
CAMERON, BARRETT MOREING 3,008,380
CAMERON, JOHN SCOTT 3,007,671
CAMPBELL, BRETT 3,008,172
CAMPBELL, LYNN MICHELLE 3,008,235
CAMPBELL, MATTHEW JAMES 3,008,132
CAMPOS, SUSANA 3,008,076
CAMS S.R.L. 3,008,568
CAMY-PEYRET, FREDERIC 3,008,046
CANCES, JULIEN 3,008,046
CANESI, SYLVAIN 3,008,537
CANNON TECHNOLOGY, INC. 3,008,430
CANNON, JAMES 3,008,438
CAO, GUOHUA 3,008,469
CAPE, SAMUEL M. 3,008,163
CAPITAL ONE SERVICES, LLC 3,008,396
CAPP, KEVIN WILLIAM 3,008,633
CARLEN, HENRIK 3,008,226
CARLSON, STEVEN 3,008,282
CARMEL, AVIV 3,008,216
CARNEVALE, ELLIOT 3,008,662
CARNEY, JOSHUA DANIEL 3,008,224
CARR, BRIAN A. 3,008,442
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CARTER, CHRISTI 3,008,624
CASE WESTERN RESERVE UNIVERSITY 3,008,139
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CASHMAN, KATHRYN 3,008,793
CASTANEDA GUTIERREZ, EURIDICE 3,008,354
CASTELLANI-LINCONTANG, VALERIE 3,008,553
CATERPILLAR GLOBAL MINING EUROPE GMBH 3,008,236
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) 3,008,192
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) 3,008,193
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS 3,008,699
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 3,008,316
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 3,008,553
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 3,008,791
CERTAINTEED GYPSUM, INC. 3,008,476
CERTUS ENERGY SOLUTIONS, LLC 3,008,029
CEVA SANTE ANIMALE 3,008,386
CHA, KYUNG-ON 3,008,787
CHABROL, CLAUDE 3,008,524
CHABROL, CLAUDE 3,008,526
CHAMBERS, CATHERINE 3,008,199
CHAN, IVAN HO 3,008,287
CHANG, BONG KYU 3,008,459
CHANINE, VALERIY 3,008,207
CHAPEAU, GUILLAUME 3,008,740
CHARLES, ROMAIN 3,008,386
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CHARRIER, DIMITRI 3,008,528
CHARRIER, DIMITRI 3,008,529
CHARRUEAU, CHRISTINE 3,008,315
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CHASSER, ANTHONY M. 3,008,789
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CHEN, CHENGHUI 3,008,275
CHEN, CHIEN-CHUNG 3,008,604
CHEN, GREGORY 3,008,183
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CHEN, LIANG 3,008,738
CHEN, QIANG 3,008,819
CHEN, TAO 3,008,167
CHEN, WANGXUE 3,008,042
CHEN, WANSHI 3,008,124
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CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD. 3,008,689
CHIANG, YET-MING 3,008,667
CHIKUSHI, AKINORI 3,008,779
CHILDERS, JENNIFER L. 3,007,813
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CHIN, RICARDO 3,008,667
CHINA UNIVERSITY OF MINING AND TECHNOLOGY 3,008,469
CHITALIA, JALPESH 3,008,688
CHO, MIN-SEOK 3,008,787
CHOI, BRYAN 3,008,798
CHOI, EUNG SOO 3,008,361
CHOI, MYOUNG-TAEK 3,008,217
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CHONG, PELE 3,008,042
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CIACCIO, FRANCESCO 3,008,414
CINTORA-GONZALEZ, OCTAVIO 3,008,324
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CLAIREAUX, CORINNE 3,008,324
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CLEAN CHEMISTRY, INC. 3,007,780
CLEANHEARING INC. 3,008,178
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CLERC, VINCENT 3,008,057
CLEVEXEL PHARMA 3,008,197
CLIMAX, JOHN 3,008,774
COCKBURN, JESSICA G. 3,008,041
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COINPLUG, INC. 3,008,705
COLE, EMILY BARTON 3,008,173
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COLGATE-PALMOLIVE COMPANY 3,008,325
COLGATE-PALMOLIVE COMPANY 3,008,445
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COLOPLAST A/S 3,008,368
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COLT, LINDA 3,008,812
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COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 3,008,524
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 3,008,526
COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION 3,008,443
COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION 3,008,652
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN 3,008,805

CONOCOPHILLIPS COMPANY 3,008,037
CONSTANT, STEPHANE 3,008,047
CONSTRUCTION RESEARCH & TECHNOLOGY GMBH 3,008,714
CONTEXT BIOPHARMA INC. 3,008,422
COOPER, ASHLEY E. 3,008,603
COOPER, PAUL ANDREW 3,008,619
CORALIC, VEDRAN 3,008,453
CORBIN, ANDREW 3,008,744
CORBIN, JOHN 3,008,442
CORMIER, JONATHAN 3,008,504
CORNELL, ROBERT W. 3,008,230
COSTA, EUNICE 3,008,076
COSTIN, JOSHUA M. 3,008,780
COUGHLAN, DAVID 3,008,774
COURBAT, JEROME CHRISTIAN 3,007,911
CR DEVELOPMENT AB 3,008,241
CREO MEDICAL LIMITED 3,008,347
CREO MEDICAL LIMITED 3,008,402
CROCKETT, TREENA 3,008,314
CROWLEY, KIERAN JAMES 3,008,272
CROWN IRON WORKS COMPANY 3,008,633
CSL BEHRING RECOMBINANT FACILITY AG 3,008,448
CUBIC CORPORATION 3,008,666
CUI, WEI 3,008,679
CUMMINGS, TIMOTHY 3,008,658
CUTSINGER, THOMAS 3,008,617
CYC MACHINERY INC. 3,008,527
CYTEC INDUSTRIES INC. 3,008,635
CZARKO, ZBIGNIEW TADEUSZ 3,008,086
DA ROCHA E LIMA, LUIS MAURICIO TRAMBAIOLI 3,008,182
DABEE, SANJIV 3,008,245
DAHL, PER JUUL 3,008,685
DAILLY, JULIAN 3,008,699
DAIRY A DAY INC. 3,008,175
DAKO DENMARK A/S 3,008,353
DASSE, KURT A. 3,008,022
DAUPHIN DUCHARME, PHILIPPE 3,008,537
DAVID, ELIYAHU 3,008,579
DAVIDSON, GREGORY J. E. 3,008,290
DAVIDSON, GREGORY J.E. 3,008,308
DAVIDSON, GREGORY J.E. 3,008,314
DE BOER, WOLFGANG 3,007,971
DE CREMER, GERT 3,008,051
DE FRANCQUEVILLE, FOUCAULT 3,008,533
DE FRANCQUEVILLE, FOUCAULT 3,008,541
DE GANON, MATTHEW 3,008,396
DE GRAAF, DENNIS 3,008,474
DE MOYER, PHILIPPE 3,008,189
DE RIDDER, CHRISTIAAN MARTINUS PETRUS 3,008,364
DE VOS, WILLEM MEINDERT 3,008,156
DEALWIS, CHRIS 3,008,139
DEANGELIS, ANDREW JON 3,008,132
DEATON, DAVE NORMAN 3,008,358
DECORY, THOMAS R. 3,008,809
DECORY, THOMAS R. 3,008,812
DEJONG, CHRIS 3,008,183
DELANNOY, JOHANNE 3,008,315
DELBRIDGE, EWAN E. 3,008,675
DELLA SERA, ALDO 3,008,853
DELLOYE-BOURGEOIS, CELINE 3,008,553
DEMARCO, STEVEN JAMES 3,007,772
DEMATIC CORP. 3,008,795
DEMOSS, LARRY K. 3,008,818
DENNE, MARK 3,008,760
DENNEY, THEODORE W., III 3,008,123
DENTAL WINGS INC. 3,008,306
DENUTTE, HUGO ROBERT GERMAIN 3,008,246
DEPOOT, KAREL JOSEF MARIA 3,008,252
DEPOOT, KAREL JOZEF MARIA 3,008,246
DEPOOT, KAREL JOZEF MARIA 3,008,400
DERTI, ADNAN 3,008,641
DESJARDINS, SAMUEL 3,008,537
DESKTOP METAL, INC. 3,008,667
DEUGO, SHAWN 3,008,654
DHESY-THIND, SUKHBINDER 3,008,041
DIAMANTI, MAURIZIO 3,008,207
DIANIA TECHNOLOGIES LIMITED 3,008,077
DIAZ VAQUERO, SHEILA 3,008,348
DIAZ VAQUERO, SHEILA 3,008,799
DICARLO, FERNANDO 3,008,227
DICK, EBERHARD 3,008,690
DIEHL, ANDREW KARL 3,008,792
DIETZE, SEBASTIAN 3,008,692
DILL, DAVID A. 3,008,628
DILLON, MICHAEL PATRICK 3,008,098
DINEEN, THOMAS 3,008,484
DINEEN, THOMAS 3,008,485
DINEEN, THOMAS A., JR. 3,008,098
DINOIA, TODD D. 3,008,476
DISCH, SASCHA 3,008,388
DIX, ALBRECHT 3,008,194
DIXON, TIMOTHY 3,008,180
DME 3D S.A.S. 3,008,851
DOISY, MARTINE 3,008,710
DOLEJS, JAKUB 3,008,323
DONAHUE, MATTHEW G. 3,008,812
DONG, XIANGTING 3,008,679
DORFF, GISELHER 3,008,743
DOUGHERTY, RICHARD C. 3,008,277
DOULIAS, PASCHALIS-THOMAS 3,008,395
DOVE, PETER 3,008,312
DOVETTA, NICOLAS 3,008,533
DOVETTA, NICOLAS 3,008,541
DOW AGROSCIENCES LLC 3,008,141
DOW GLOBAL TECHNOLOGIES LLC 3,007,770
DOW GLOBAL TECHNOLOGIES LLC 3,008,242
DOW GLOBAL TECHNOLOGIES LLC 3,008,275
DOW GLOBAL TECHNOLOGIES LLC 3,008,384
DOW GLOBAL TECHNOLOGIES LLC 3,008,399
DOW GLOBAL TECHNOLOGIES LLC 3,008,401
DOW GLOBAL TECHNOLOGIES LLC 3,008,679
DOW QUIMICA DE COLOMBIA S.A. 3,008,857
DOW QUIMICA MEXICANA S.A. DE C.V. 3,008,857
DOWER, STEVE 3,008,448
DOWNEY, ADAM 3,008,817
DRAGOLI, DEAN 3,008,167
DRANOFF, GLENN 3,007,671
DREW, ROBERT 3,008,294
DREWS, BRAD 3,008,031
DRIVER, MICHAEL SEAN 3,008,459
DRUGGABILITY TECHNOLOGIES IP HOLDCO LIMITED 3,008,203
DRYBEV INTERNATIONAL, INC. 3,008,250
DSM IP ASSETS B.V. 3,008,051
DU, FANGYONG 3,008,664
DUBOIS, ERIC 3,008,374
DUCLOS, MARIE-CHRISTINE 3,008,791
DUFFY, KAREN 3,008,819
DUGUET, NICOLAS 3,008,791
DUMAS, THIBAUD 3,007,675
DUMITRESCU, OANA 3,008,791
DUMORTIER, LAURENT 3,008,746
DUNN, RAYMOND 3,008,419
DUPLANTIS, STEVEN 3,008,602
DURA, ROBERT D. 3,008,625
DVIR, IRA 3,008,581
DYAX CORP. 3,008,621
DYSLAND, ERIC 3,008,172
DYWIDAG-SYSTEMS INTERNATIONAL PTY LIMITED 3,008,179
E. I. DU PONT DE NEMOURS AND COMPANY 3,008,132
E.V. OFFSHORE LIMITED 3,008,343
EAGERTON, WILLIAM 3,008,391
EARTH STAR SOLUTIONS, LLC 3,008,232
EASYMINING SWEDEN AB 3,008,580
EATHIRAJ, SUDHARSHAN 3,008,446
ECHOSTAR TECHNOLOGIES L.L.C. 3,007,763
ECOATM, INC. 3,008,135
ECOLE DE TECHNOLOGIE SUPERIEURE 3,008,504
ECOSSE SUBSEA SYSTEMS LIMITED 3,008,569
EDDY CURRENT LIMITED PARTNERSHIP 3,008,792
EDICO GENOME, CORP. 3,008,176
EDWARDS, MCLEAN 3,008,183
EDWIN, LIONEL ERNEST 3,008,032
EFIMUSHKINA, TATIANA 3,008,673

EFTEKHARI ROOZBEHANI, YASER 3,008,199
EHARA, TAKERU 3,008,776
EHLING, WOLFRAM 3,008,072
EISAI R&D MANAGEMENT CO., LTD. 3,008,645
EISAI R&D MANAGEMENT CO., LTD. 3,008,786
EIZENBERG, ORLY 3,008,107
EK, MONICA 3,008,365
EKHOLM, JOHN 3,008,680
EKLUND, WAYNE G. 3,008,034
ELECTRICITE DE FRANCE 3,008,699
ELLEX MEDICAL PTY LTD 3,008,180
ELLIOTT, SARAH 3,008,290
ELLIOTT, SARAH J. 3,008,308
ELPERS, PHILIP 3,008,230
ELTOUKHY, HELMY 3,008,651
EMERSON ELECTRIC CO. 3,007,974
EMMRICH, KERSTIN 3,008,448
EMUDENT TECHNOLOGIES PTY LTD 3,008,444
ENDOPERFUSION SOLUTIONS, LLC 3,008,147
ENES, NIKOLAI 3,008,703
ENGEL, TALY G. 3,008,629
ENGEL, TALY G. 3,008,640
ENGELS, TOM ANTONIUS PHILOMENA 3,008,051
ENGIE 3,008,750
ENGLISH, ROBERT 3,008,304
EPHERRE, ROMAIN 3,008,316
EQUASHIELD MEDICAL LTD. 3,008,574
ERDOZAIN, JACK, JR. 3,008,128
ERHART, PETER 3,008,219
ERNST, ROBIN 3,008,819
EROLL GROW-TECH LTD. 3,008,572
ESCHRICH, SVEN 3,008,538
ESKO, JEFFREY 3,008,848
ESPING OSTLIN, HANNA 3,008,234
ESSEGHIR, MOHAMED 3,007,770
ESSILOR INTERNATIONAL 3,008,391
ESTOURNES, CLAUDE 3,008,316
ETIX LABS S.A.R.L. 3,008,693
ETLIN, ALEX 3,008,214
EVANS, DAVID WILLIAM 3,008,179
EVERS, ANDREAS 3,008,052
EVOGENE LTD. 3,008,808
EWERT, STEFAN 3,008,102
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 3,008,277
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 3,008,283
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 3,008,603
EXXONMOBIL UPSTREAM RESEARCH COMPANY 3,008,807
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F. HOFFMANN-LA ROCHE AG 3,008,421
FABREGOULE, OLIVIER 3,008,374
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FACEBOOK, INC. 3,008,604
FAIRFORD ELECTRONICS LIMITED 3,008,707
FAKOORIAN, SEYED ALI AKBAR 3,008,124
FALLEBOE, HANS 3,008,368
FANG, FANG 3,008,330
FANG, RUTH, HSIN-JU 3,008,627
FARIZY, BRUNO 3,008,047
FASONE, SAMUEL 3,008,154
FAUCETTE, RYAN 3,008,621
FAUTEUX, DENIS GASTON 3,008,493
FAVERO, SANTINO 3,008,360
FAVRE, MARC 3,008,828
FAYADAT-DILMAN, LAURENCE 3,008,244
FEDOROV, ANTON VLADIMIROVICH 3,008,423
FELKL, JAKUB 3,008,438
FENTON, TIMOTHY M. 3,008,620
FEREGRINO QUEZADA, JOSE ANTONIO 3,008,175
FEREGRINO QUEZADA, JUAN CARLOS 3,008,175
FERLIN, NADEGE 3,008,304
FERNANDEZ LOPEZ, JUAN JOSE 3,008,348
FERNANDEZ LOPEZ, JUAN JOSE 3,008,799
FERNANDEZ, PATRICIA PERDIZ 3,008,857
FERON, PAUL HUBERT MARIA 3,008,652
FERREIRA, BRUNO MELO VIEIRA GONCALVES 3,008,182
FESTAZ, XAVIER 3,008,329
FESTAZ, XAVIER 3,008,528
FESTAZ, XAVIER 3,008,529
FIDELIS MEDICAL LTD. 3,008,797
FIELDING, ALEX 3,008,480
FIGIEL, JANUSZ 3,008,118
FILIPCSEI, GENOVEVA 3,008,203
FILIPE, NEVES 3,008,076
FINE, DAVID H. 3,008,022
FINECELL SWEDEN AB 3,008,365
FINLAY, HEATHER 3,008,630
FINN, PATRICIA 3,008,167
FINUCANE, KEVIN 3,008,172
FINZETTO, LEANDRO 3,008,049
FIRESTONE BUILDING PRODUCTS CO., LLC 3,007,762
FISHER, CHAD ADAM 3,008,583
FISHER, CHAD ADAM 3,008,622
FISHILEVICH, ELANE 3,008,141
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FLUOR TECHNOLOGIES CORPORATION 3,008,245
FLURSCHEIM, CHRISTIAN 3,008,688
FMC CORPORATION 3,008,131
FOGLI, MARIO 3,008,097
FONTAINE, SEBASTIEN 3,008,571
FONTANA, RICHARD REMO 3,008,667
FORNER DOMENECH, IVAN 3,008,573
FORTE GROW MEDICAL CO., LTD. 3,008,584
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FOURNIER, FRANCES 3,007,793
FRAME, LESLEY D. 3,008,659
FRAME, LESLEY D. 3,008,661
FRANCESCONI, ALESSANDRO 3,008,765
FRASER, DARREN 3,008,443
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FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 3,008,388
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FREDY, CAROLE 3,008,317
FREDY, CAROLE 3,008,324
FREEMAN, BRAD 3,008,853
FREITAS, ULLA 3,008,033
FRENKEN, EGBERT 3,008,523
FRESENIUS KABI DEUTSCHLAND GMBH 3,007,915
FREY, MEGHAN L. 3,008,141
FRICTION TOOL SOLUTIONS INC. 3,008,461
FROBOSE, THOMAS 3,008,049
FROST, LINCOLN 3,008,792
FU, JIE 3,008,649
FU, QIANG 3,008,330
FUCHS, ERNST 3,008,716
FUELSAVE GMBH 3,008,056
FUJIWARA, TAKANORI 3,008,405
FUKASAWA, HIROKO 3,008,805
FULBRIGHT, ROBERT JAMES 3,008,656
FULOP, RICARDO 3,008,667
FULTZ, TIMOTHY J. 3,008,170
GAAL, PETER 3,008,124
GAAL, PETER 3,008,164
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GAKO INTERNATIONAL GMBH 2,994,908
GALEANO, CAROLINA 3,008,738
GALLEE, MICKAEL 3,008,739
GALON WOLFENSON, YAEL 3,008,808
GALPIN, FRANCK 3,008,719
GAMAIN, BENOIT 3,008,192
GANDRA, PREMCHAND 3,008,141
GANGNARD, STEPHANE 3,008,192
GANONG, RAY 3,008,323
GANSER, MARTIN 3,008,452
GAO, ANHUI 3,008,653
GARCIA ROIG, PAU 3,008,188
GARCIA VILA, ALEJANDRO 3,008,337
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GARDNER, GLENN P. 3,008,028
GARIEPY, FRANCOIS 3,008,618
GATLAND, STANLEY D. 3,008,476
GATTI, RICCARDO 3,008,340
GATZEMEYER, JOHN JACOB 3,008,445
GAUSEMEL, INGVIL 3,008,703
GAUTHAM, RAGHAVENDHAR 3,008,629
GAUTHIER, LAURENT 3,007,898
GAUTHIER, ROBERT T. 3,008,753
GAUTHIER, ROBERT T. 3,008,756
GAY, MICHAEL G. 3,008,029
GE HEALTHCARE AS 3,008,703
GEJIMA, RYU 3,008,786
GELITA AG 3,008,690
GENENTECH, INC. 3,008,394
GENERAL MONITORS, INC. 3,008,457
GENZYME CORP. 3,008,272
GENZYME CORPORATION 3,008,268
GEORGETOWN UNIVERSITY 3,008,279
GEORGIA TECH RESEARCH CORPORATION 3,008,242
GERSH, LEWIS 3,008,842
GEUMANN, ULF 3,008,352
GEVERT, BORJE 3,008,748
GHOSH DISTIDAR, SAMANWOY 3,008,804
GHOSH, SANGITA 3,008,170
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GIBBONS, THOMAS C. 3,008,842
GIBSON, MICHAEL ANDREW 3,008,667
GIDLEY, BENJAMIN GEOFFREY 3,008,199
GIESE, ARMIN 3,008,334
GIESECKE+DEVRIENT CURRENCY TECHNOLOGY GMBH 3,008,743
GIESELMAN, MATTHEW D. 3,008,675
GILEAD SCIENCES, INC. 3,008,442
GIRAUD, EMMANUEL 3,008,742
GIRGIS, MICHAEL JOHN 3,008,459
GIROUD, PASCAL 3,008,071
GIUSTI, PIERRE 3,008,193
GJORSVIK, TORE 3,008,555
GLASS, CHARLES 3,008,848
GLAUBITZ, JOACHIM 3,008,706
GLAVINAS, HRISTOS 3,008,203
GLAXOSMITHKLINE BIOLOGICALS S.A. 3,008,054
GLAXOSMITHKLINE BIOLOGICALS S.A. 3,008,055
GLAXOSMITHKLINE BIOLOGICALS S.A. 3,008,333
GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED 3,008,358
GLOBAL MULTIMEDIA INVESTMENT (UK) LIMITED 3,008,564
GODAL, ASLAK 3,008,552
GODAL, ASLAK 3,008,555
GOLDSHLAGER, ALEXANDRA RABINOVICH 3,008,462
GOMIBUCHI, SHOTA 3,008,783
GOMIBUCHI, SHOTA 3,008,784
GONG, YONG 3,008,812
GONZALEZ CORDOVA, AARON FERNANDO 3,008,175
GOODE, JOHN RICHARD 3,008,040
GOODMAN, PATRICK 3,008,245
GOOGLE LLC 3,008,796
GOOGLE LLC 3,008,825
GORDON, LARRY M. 3,008,646
GOREN, SHLOMO ZEV 3,008,808
GOSPODINOVA, MAYA 3,008,062
GOSPODINOVA, MAYA 3,008,064
GOSPODINOVA, MAYA 3,008,069
GOTERA, ROMEO 3,008,285
GOTO, KUNIO 3,008,781
GOTO, SHUN 3,008,595
GOTTLING, SONJA 3,008,690
GOVIL, AMIT PRAKASH 3,008,798
GOVIL, PRADEEP K. 3,008,477
GOZLAN, CHARLOTTE 3,008,791
GRACKIEWICZ, GREGOR 3,008,436
GRAHAM, KEITH 3,008,393
GRAHAM, THOMAS H. 3,008,018
GRANADA, DAVID ENRIQUE JIMENEZ 3,008,851
GRANT, JOHN 3,007,763
GRANUM, STINE 3,008,437
GRAVE, EDWARD J. 3,008,807
GRAVERMANN, MARK 3,008,078
GRAVERMANN, MARK 3,008,575
GRAVESON, IAN 3,008,304
GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI 3,007,722
GREEN, OLE 3,008,044
GREENER, AMIT 3,008,797
GRESHOCK, THOMAS J. 3,008,611
GRESHOCK, THOMAS J. 3,008,614
GRIESINGER, CHRISTIAN 3,008,334
GRIFFITH, HUGH 3,008,556
GRIFFITH, HUGH 3,008,749
GRIFFITH, HUGH 3,008,751
GRIFFITH, HUGH 3,008,769
GRIGGS, DAVID W. 3,008,023
GRIMONPREZ, BENJAMIN 3,008,377
GRITSTONE ONCOLOGY, INC. 3,008,641
GRONFORS, OUTI 3,007,903
GRONFORS, OUTI 3,007,906
GRONVALL, LARS 3,008,544
GRONVALL, LARS 3,008,766
GROSMAN, BENYAMIN 3,008,640
GRUBB, JONATHAN FLOYD 3,008,480
GU, YUAN XIANG 3,008,199
GUARDANT HEALTH, INC. 3,008,651
GUDJONSSON, EGGERT FREYR 3,008,550
GUISOT, NICOLAS 3,008,488
GUL, KAMRAN AHMED 3,008,807
GULATI, KAPIL 3,008,125
GUNASEGARAM, DAYALAN ROMESH 3,008,443
GUNTHER, CHRISTINE 3,008,352
GUO, CHENNING 3,008,471
GUO, FENG 3,008,689
GUO, LIANGQIN 3,008,611
GUO, LIANGQIN 3,008,614
GUO, SHARON 3,008,290
GUO, SHARON 3,008,308
GUO, SHARON 3,008,314
GUPTA, MANISH KUMAR 3,008,338
GUPTA, MANISH KUMAR 3,008,576
GUSTAV KLAUKE GMBH 3,008,523
GUTACKER, ANDREA 3,008,478
GUTERRES, MARIANA FERNANDES DE AVILA NETTO 3,008,182
GUTOWSKI, KEITH E. 3,008,254
GYNNERSTEDT, JONAS 3,008,049
H.B. FULLER COMPANY 3,008,034
HAACK, TORSTEN 3,008,052
HAARLANDER, MICHAEL 3,008,793
HABASIT AG 3,008,191
HABEB, ALAA 3,008,444
HADARI, YARON R. 3,008,171
HAGGARTY, STEPHEN J. 3,008,854
HAIGHT, RICHARD 3,008,762
HAKALA, TOMMI 3,008,711
HAKENHOLT, CHRISTOPH 3,008,204
HALDOR TOPSOE A/S 3,008,685
HALES, PHILIP 3,008,402
HALL, KEVIN C. 3,008,480
HALLIBURTON ENERGY SERVICES, INC. 3,008,174
HALLIBURTON ENERGY SERVICES, INC. 3,008,390
HALLIBURTON ENERGY SERVICES, INC. 3,008,583
HALLIBURTON ENERGY SERVICES, INC. 3,008,619
HALLIBURTON ENERGY SERVICES, INC. 3,008,622
HALTTUNEN, SAKARI 3,007,903
HAMMER, JAMES D. 3,008,753
HAMMER, JAMES D. 3,008,756
HANCOCK, ASHLEY PAUL 3,008,358
HANCOCK, CHRISTOPHER PAUL 3,008,347
HANCOCK, CHRISTOPHER PAUL 3,008,402
HANEMANN, CHRISTIAN 3,007,883
HANNES, RALF 3,008,058
HANSEN, BENGT 3,007,903
HANSEN, BENGT 3,007,906
HANSEN, MIKE PAW MAISCHNACK 3,008,353
HARDCASTLE, TREVOR M. 3,008,489
HARDY, MATTHEW 3,008,448
HARI, ROBBIE SINGH 3,008,654
HARMS, KLAUS-CHRISTOPH 3,008,716
HARPOLE, AARON 3,008,441
HARRINGTON, PATRICK WAYNE 3,008,633
HARRIS, ALAN 3,008,102

HARRISON, CHRISTOPHER R. 3,008,613
HART, ANASTASIOS JOHN 3,008,667
HART, DANIEL R. 3,008,605
HARTL, ANNA 3,008,194
HARTMAN, DALLAS 3,008,448
HARTNAGLE, JOSEPH DAVID DILLS 3,008,480
HASENBERG, DANIEL M. 3,007,925
HASHIMOTO, MANABU 3,008,783
HASHIMOTO, MANABU 3,008,784
HASHIMOTO, MASARU 3,008,223
HASPESLAGH, PIETER RIK 3,008,809
HASSELL, JOHN A. 3,008,041
HASTINGS, ROGER NOEL 3,008,282
HAUGAN, JARLE ANDRE 3,008,703
HAUSTEIN, THOMAS 3,008,673
HAYASHIZAKI, KOJI 3,008,786
HAYDN, MARKUS 3,008,027
HAYWOOD, PHILLIP 3,008,292
HAYZLETT, MARK 3,008,035
HAZAI, OREN 3,008,462
HE, XIANG DONG 3,008,325
HEAL SYSTEMS LP 3,008,654
HEARING COMPONENTS, INC. 3,008,452
HEBERT, VERONIQUE 3,008,062
HEBERT, VERONIQUE 3,008,069
HECHLER, CLAUS 3,008,436
HECHT, GIL 3,008,582
HEDBLOM, ERIKA 3,008,049
HEDVALL, CHRISTOFER 3,008,049
HEFLIN, JOHN A. 3,008,161
HEGNA, STIAN 3,008,505
HEIMEN, ANTON 3,008,191
HEINDL, DIETER 3,008,421
HELLGE, CORNELIUS 3,008,673
HEMISPHERES FOR ALL, LLC 3,008,671
HENAN OSCAR PARKER TECHNOLOGY CO., LTD. 3,008,669
HENKEL AG & CO. KGAA 3,008,478
HENKES, HANS 3,008,058
HENLEY, JULIAN 3,008,852
HENRY, WILLIAM 3,008,443
HENSCHEN, JONATAN 3,008,365
HENTTONEN, TERO 3,008,764
HERD, CHARLES R. 3,008,463
HERMANN, FELIX 3,008,352
HERNANDEZ GOMEZ, SANTIAGO 3,008,573
HERRINGTON, KEVIN 3,008,662
HERTZ, SHAI 3,008,462
HESSLER, JOHN 3,008,242
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HESTDAL, KJETIL 3,008,551
HESTDAL, KJETIL 3,008,552
HG MEDICAL TECHNOLOGIES LLC 3,008,852
HIFI ENGINEERING INC. 3,008,737
HIGAREDA JUAREZ, CARLOS 3,008,754
HIGAREDA JUAREZ, CARLOS 3,008,759
HIGH, DONALD R. 3,008,620
HILL'S PET NUTRITION, INC. 3,008,616
HILMAN, DROR 3,008,808
HILTI AKTIENGESELLSCHAFT 3,008,204
HILTI AKTIENGESELLSCHAFT 3,008,739
HINDERER, CHRISTAIN 3,008,280
HINMAN, ANDREW W. 3,008,849
HINO, TOYOKAZU 3,008,119
HIRAKAWA, YASUFUMI 3,008,594
HIRATA, TAKUYA 3,008,778
HIRAYAMA, TOSHIFUMI 3,008,786
HOARTY, MICHELLE DENISE 3,007,772
HOBBS, HEATHER 3,008,358
HOCHMUTH, JOHN K. 3,008,761
HODGSON, SIMON TEANBY 3,008,358
HOEY, MICHAEL 3,008,282
HOFFMANN, DIRK 3,008,056
HOHNE, MARTHA 3,008,478
HOLLENKAMP, ANTHONY FRANK 3,008,652
HONDA MOTOR CO., LTD. 3,008,783
HONDA MOTOR CO., LTD. 3,008,784
HONG, JAY WU 3,008,705
HONG, XIN 3,008,217
HONJO, TSUTOMU 3,008,389
HORI, ATSUSHI 3,008,371
HORNBY, ZACHARY D. 3,008,663
HORNE, MICHAEL DAVID 3,008,443
HORNUNG, CHRISTIAN 3,008,443
HORSTER, JOCHEN 3,008,385
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HOU, YINGFEI 3,008,527
HOVIONE SCIENTIA LIMITED 3,008,076
HOWARD, DANNY ROLAND, JR. 3,007,671
HOY, STACY W. 3,008,384
HOY, STACY W. 3,008,401
HRYHORENKO, ERIC 3,008,809
HRYHORENKO, ERIC 3,008,812
HSRX GROUP, LLC 3,008,780
HSU, HAILING 3,008,267
HSU, KENNETH C. 3,008,608
HUANG, CHICHI 3,008,819
HUANG, XINHUI 3,008,275
HUBBARD, MICHAEL 3,007,762
HUBER, SABINE 3,008,738
HUDDLESTON, HOWARD LEE, JR. 3,008,404
HUENNEKES, EDGAR 3,008,738
HUET, HEATHER ADKINS 3,008,102
HULL, JOHN 3,008,737
HUMATICS CORPORATION 3,008,650
HUME, CHARLES 3,008,853
HUMMEL, STEPHAN 3,008,027
HUNDT, GREG R. 3,008,390
HUNTER, DOUGLAS ANDREW 3,008,025
HUNTINGTON, NICHOLAS D. 3,008,289
HURLEY, JENS JORDAN 3,008,480
HUSSAIN, KHALID 3,008,703
HUSSAM, ALI ADEL 3,008,152
HYDRAULIC PIIPPO 3,008,068
HYNYNEN, KULLERVO HENRIK 3,008,520
IACOBONE, SEAN 3,008,800
ICHIHARA, KEIJI 3,008,381
IDE, TAKESHI 3,008,590
IGNATOWSKI, THOMAS G. 3,008,659
IGNATOWSKI, THOMAS G. 3,008,661
IGNYTA, INC. 3,008,663
IINJEC TECHNOLOGIES INC. / LES TECHNOLOGIES IINJEC INC. 3,008,658
IKEDA, MEGUMI 3,008,779
ILLUMINA SINGAPORE PTE LTD 3,008,031
ILLUMINA, INC. 3,008,031
ILLUMINA, INC. 3,008,623
IMAI, TOSHIO 3,008,786
IMIELA, JOACHIM 3,008,082
IMPRIMERIE NATIONALE S.A. 3,008,045
IMPRIMIS PHARMACEUTICALS, INC. 3,008,039
INAGAKI, HIROAKI 3,008,446
INDIAN INDUSTRIES, INC. 3,008,230
INDIZEN OPTICAL TECHNOLOGIES OF AMERICA, LLC 3,008,601
INGENICO GROUP 3,008,374
INJEKTA ENVIRONMENTAL PTY LTD 3,007,691
INNATE PHARMA 3,007,898
INNOVENT BIOLOGICS (SUZHOU) CO., LTD 3,008,775
INOEX GMBH INNOVATIONEN UND AUSRUSTUNGEN FUR DIE EXTRUSIONSTECHNIK 3,008,687
INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE 3,008,315
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) 3,008,192
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE 3,007,895
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE 3,008,333
INSTITUT NATIONAL TRANSFUSION SANGUINE 3,008,192
INSTITUT SUPERIEUR DE L'AERONAUTIQUE ET DE L'ESPACE - ECOLE NATIONALE SUPERIEURE DE MECANIQUE ET D'AEROTECHNIQUE (ISAE-ENSMA) 3,008,504
INTERGLASS TECHNOLOGY AG 3,008,547

INTERNATIONAL PAPER COMPANY 3,008,278
INURA MEDICAL AG 3,008,755
IRDETO B.V. 3,008,199
ISCAR LTD. 3,008,582
ISCHIROPOULOS, HARRY 3,008,395
ISHIKAWA, SHIN 3,008,593
ISNARDI, ISABELLE 3,008,102
ISOMAKI, NIKO 3,008,561
ISOMAKI, NIKO 3,008,757
ITABASHI, NAO 3,008,767
IYAPPAN, SARAVANAKUMAR 3,008,212
JABCZYNSKI, WOLFGANG 3,008,558
JACKSON, CONNIE D. 3,008,672
JACKSON, JAMES 3,008,658
JACKSON, LOGAN 3,007,790
JACKSON, LOGAN 3,007,793
JACKSON, MATTHEW 3,008,616
JACOBS, JEFFREY W. 3,008,167
JAIN, JAYESH RAMESHLAL 3,008,387
JAIN, JAYESH RAMESHLAL 3,008,439
JAIN, RAKESH 3,008,167
JAKOBSEN, CHRISTIAN 3,008,053
JALILIAN, SEYED EHSAN 3,008,737
JALOTA, SAHIL 3,008,798
JAMES, ALED 3,008,383
JANSEN, BERND 3,008,577
JANSSEN BIOTECH, INC. 3,008,819
JANSSEN PHARMACEUTICA NV 3,008,338
JANSSEN PHARMACEUTICA NV 3,008,576
JANSSEN PHARMACEUTICA NV 3,008,809
JANSSEN PHARMACEUTICA NV 3,008,812
JANSSEN VACCINES & PREVENTION B.V. 3,008,542
JANSSEN, PAUL 3,008,050
JANSSEN, PAUL 3,008,474
JANSSEN, PAUL 3,008,477
JAUREGI, UNAI 3,008,507
JEDWAB, MICHAEL 3,008,535
JENSEN, MICHAEL C. 3,008,162
JERZAK, KATARZYNA J. 3,008,041
JESSOP, ISRAEL 3,008,035
JEWELL, DENNIS EDWARD 3,008,616
JFE STEEL CORPORATION 3,008,588
JFE STEEL CORPORATION 3,008,593
JIAN, TIANYING 3,008,614
JIANG, PEIPEI 3,008,689
JIANG, SIYUAN 3,008,275
JIANGSU HENGRUI MEDICINE CO., LTD. 3,008,036
JIANGSU HENGRUI MEDICINE CO., LTD. 3,008,471
JIANGSU HENGRUI MEDICINE CO., LTD. 3,008,701
JIMENEZ, ANGEL 3,008,739
JIN, DONG-KYU 3,008,268
JIN, SHENGWEN 3,008,206
JO, MUN-SEONG 3,008,787
JOHANSSON, PATRIK 3,008,445
JOHNSON & JOHNSON VISION CARE, INC. 3,008,806
JOHNSON, DAVID A 3,008,055
JOHNSON, DAVID A. 3,008,054
JOHNSTON, CHAD 3,008,183
JOLY, FRANCISCA 3,008,315
JONES, HUW 3,008,554
JONSSON, TOMAS 3,008,225
JORDAN, GREGORY R. 3,008,163
JORDAN, TAMAS 3,008,203
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JOYAL, MATHEW 3,008,800
JT INTERNATIONAL S.A. 3,008,383
JULIUS-MAXIMILIANS-UNIVERSITAT WURZBURG 3,008,198
JUN, HYUN JO 3,008,067
JUN, PAUL D. 3,008,608
KABUSHIKI KAISHA TOSHIBA 3,008,590
KAHN, DANIEL 3,008,396
KAIROI HEALTHCARE STRATEGIES, INC. 3,008,408
KAKUTA, JUNGO 3,008,786
KALANTARI, MASOUD 3,008,841
KALHORI, VAHID 3,008,741
KALMANIDES, DANNY 3,008,447
KAMALI, MOHAMMAD REZA 3,008,050
KAMI, CHIKARA 3,008,593
KAMIJO, TAKASHI 3,008,221
KAMIJO, TAKASHI 3,008,778
KAMLER, RADOMIR 3,008,773
KANAUJIA, MUKUL 3,008,806
KANDEL, KURTIS 3,008,802
KANGASLAHTI, HANNA-MARI 3,007,903
KANKANALAPALLI, KRISHNA 3,008,745
KANNAN, GUNASEKARAN 3,008,267
KANUMURU, RAHUL RAJU 3,008,205
KANUMURU, RAHUL RAJU 3,008,212
KAPEL, NATHALIE 3,008,315
KAPLAN, DAVID 3,008,031
KARASAWA, KOJI 3,008,584
KARCHI, HAGAI 3,008,808
KARHU, MIKKO 3,008,561
KARHU, MIKKO 3,008,757
KARKI, RAJESH 3,008,098
KARLSSON, FREDRIK 3,008,195
KARLSSON, ROBIN 3,008,741
KARPATI, RICHARD BALAZS 3,008,203
KATHOLIEKE UNIVERSITEIT LEUVEN 3,008,061
KATO, SHO 3,008,223
KAVAS, CHRISTOPHER 3,008,231
KEANE, ANDREW 3,008,100
KEEP-IT TECHNOLOGIES AS 3,008,550
KELLER, THOMAS L. 3,007,757
KELLEY, JACK C. 3,008,675
KELLY, MICHAEL J., III 3,008,614
KEMIRA OYJ 3,007,790
KEMIRA OYJ 3,007,793
KEMIRA OYJ 3,007,903
KEMIRA OYJ 3,007,906
KEMP, MARK IAN 3,008,747
KEMPEN, ANKE 3,008,340
KENNOVIN, GORDON 3,008,751
KENNY, SINEAD 3,008,077
KETTEN-WULF BETRIEBS-GMBH 3,007,883
KHALAJ, STEVE SAEED 3,008,608
KHALAMAN, SAVVA 3,008,462
KHALIL, AKHTAR 3,008,872
KHAN, JALALUDDIN 3,007,766
KHAVARI, PAUL A. 3,008,676
KHOSLA, VIPUL 3,007,886
KIBBE, MELINA 3,008,837
KIM, DO HOON 3,007,793
KIM, DO, HOON 3,007,790
KIM, JAE-HYUN 3,008,787
KIM, JAEHO 3,008,629
KIM, RONALD M. 3,008,611
KIM, RONALD M. 3,008,614
KIM, SANG-HEE 3,008,788
KIM, SUKCHAN 3,008,595
KIMBERLY-CLARK WORLDWIDE, INC. 3,008,288
KIMCHI, GUR 3,008,453
KIMURA, MOTOKO 3,008,786
KIN, SAM 3,008,364
KINNUNEN, PETTERI 3,008,712
KIRZINGER, HANNES 3,008,421
KITANO, MITSUTAKA 3,008,607
KITZ, HARRY JAY 3,008,460
KLAEGER, WOLFGANG 3,008,414
KLAPPERT, WALTER R. 3,008,696
KLAPPROTH, HOLGER 3,008,540
KLAR, ULRICH 3,008,393
KLEIN, JOHANN 3,008,478
KLIER, JOHN 3,008,399
KLOSE, RALPH 3,008,687
KLUVER, TILMAN 3,008,505
KNAPTON, DANIEL J. 3,008,675
KNAUF GIPS KG 3,008,677
KNEPPERS, JOB LEONARDUS 3,008,364
KNIGHT, KIRK H. 3,008,480
KNORR, BRIAN 3,008,766
KO, ALLAN 3,008,404
KO, ALLAN 3,008,453
KOBAYASHI, FUMINORI 3,008,587
KOBAYASHI, FUMINORI 3,008,591
KOBAYASHI, SATORU 3,008,589
KOBAYASHI, TAKUMA 3,008,587
KODAMA, SHINJI 3,008,220
KOERNER, LUTZ 3,008,547
KOHN, BENJAMIN 3,008,214
KOIZUMI, NORIKO 3,008,113
KOJO, NAOKI 3,008,378
KOJO, NAOKI 3,008,771
KOLESNIK, TATIANA 3,008,289
KOMET DEUTSCHLAND GMBH 3,008,082
KONG, LINGWEI 3,008,689
KONIETZKO, MATTHIAS 2,994,908
KONINKLIJKE PHILIPS N.V. 3,008,240
KOOPS, ARNE 3,008,692
KORJANI, MOHAMMAD MEHDI 3,008,647

KOROLAK, RHONDALYNN 3,008,644
KOROS, WILLIAM J. 3,008,242
KOSONEN, MIKA 3,008,713
KOUTERS, LUCAS JOHANNES CORNELIS 3,008,364
KOVALCHUK, KARINA 3,008,550
KOZAKIEWICZ, NICOLAS 3,008,427
KRAGL, UDO 3,008,478
KRAUS, ALEXANDER 3,008,714
KRIHELI, MARINO 3,008,574
KRISHNAN NAIR, BINURAJ 3,008,338
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KRIVITSKY, VADIM 3,007,599
KROLL JENSEN, ANNETTE E. 3,008,685
KUEHN, ANNEMARIE 3,008,714
KUENZNER, STEFANIE 3,008,714
KUHLMANN, FRANZ JOSEF 3,008,143
KUHN, ROBERT 3,008,819
KUHNLEIN, FLORIAN 3,008,697
KULKARNI, PARIKSHIT RAMESHRAO 3,008,338
KULKARNI, PARIKSHIT RAMESHRAO 3,008,576
KUMADA, MITSUNORI 3,008,117
KUMADA, MITSUNORI 3,008,592
KUNZ, THOMAS 3,007,967
KURARAY NORITAKE DENTAL INC. 3,008,362
KUREHA CORPORATION 3,008,587
KUREHA CORPORATION 3,008,591
KURIHARA, KEI 3,008,389
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KUROTOBI, TOMOKO 3,008,771
KURRAS, MARTIN 3,008,673
KUSLER, DANIEL HARVARD 3,008,025
L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE 3,008,046
L'HOMME, CHLOE 3,008,537
L-3 COMMUNICATIONS MAGNET-MOTOR GMBH 3,008,219
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LABORATOIRE FRANCAIS DU FRACTIONNEMENT ET DES BIOTECHNOLOGIES 3,008,320
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LAMBERT, CYRIL 3,008,047
LAMBERT, PIERS 3,008,187
LANDA, DAVID HAIM 3,008,581
LANDMARK GRAPHICS CORPORATION 3,008,206
LANDSCAPE STRUCTURES INC. 3,007,757
LANDUYT, BART 3,008,061
LANE, ALFRED T. 3,008,676
LANGEDIJK, JOHANNES PETRUS MARIA 3,008,542
LAPIERRE, JEAN-MARC 3,008,446
LARIMER, TROY J. 3,008,789
LARKIN, ANDREW L. 3,008,358
LAROSE, ERIK M. 3,008,682
LARSON, JON SCOTT 3,008,662
LASIC, SAMO 3,008,241
LAWRENCE, R. MICHAEL 3,008,630
LAYTON, MARK E. 3,008,614
LAYTON, PAUL 3,007,974
LE BIEZ, PHILIPPE CHARLES ALAIN 3,008,316
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LE, JOELLE 3,008,358
LEADBETTER, MICHAEL ROBERT 3,008,167
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LEE, DAVID M. 3,007,813
LEE, GARY K. 3,008,382
LEE, GARY K. 3,008,413
LEE, HEI MAN RAYMOND 3,008,493
LEE, RUSSELL D. 3,008,408
LEE, SEULKI 3,008,392
LEE, SIGMUND 3,008,632
LEE, SIN KENG 3,008,249
LEE, THOMAS H. 3,008,650
LEFEBVRE, GUILLAUME 3,008,427
LEGRAND, COLINE 3,008,354
LEGRAND, FREDERIC 3,008,750
LEGRAND, LOUIS LEROI, III 3,008,128
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LEI, JING 3,008,124
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LEITHEIM, ANNA 3,008,690
LEMAIRE, MARC 3,008,791
LENG, CHIH-HSIANG 3,008,042
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LEONOV, ANDREI 3,008,334
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LEUFKENS, PAUL WILLEM THERESIA JOSEF 3,008,790
LEUNG, ADA 3,008,318
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LEWIS, JASON G. 3,008,167
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LG HOUSEHOLD & HEALTH CARE LTD. 3,008,787
LI, DAN 3,008,780
LI, DONGFANG 3,008,365
LI, GANG 3,008,663
LI, GE 3,008,469
LI, HAOXIN 3,008,183
LI, HU 3,008,275
LI, JIA 3,008,653
LI, JIEHUA 3,008,330
LI, JINAN 3,008,185
LI, JINAN 3,008,186
LI, JINAN 3,008,466
LI, JINAN 3,008,475
LI, JINAN 3,008,495
LI, JINAN 3,008,694
LI, KANGKANG 3,008,652
LI, LING 3,008,679
LI, NING 3,008,689
LI, PENGFEI 3,007,722
LI, SEAN SUIXIANG 3,008,181
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LI, XIAOLONG 3,008,629
LI, XIAOLONG 3,008,640
LI, ZONGBIN 3,008,689
LIANG, BRADLEY C. 3,008,629
LIANG, BRADLEY C. 3,008,640
LIANG, EDWIN CHOO YONG 3,008,457
LIANG, LINDA 3,008,244
LIANG, YOUXUAN 3,007,722
LIAO, XIBIN 3,008,653
LIEBERMAN-LAZAROVICH, MICHAL 3,008,808
LIFECELL CORPORATION 3,008,035
LIKANDER, JOONAS 3,007,906
LIM, JONATHAN EE-REN 3,008,663
LIMA, JOSTEIN 3,008,505
LIN, CHI KONG 3,008,121
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LINA, GERARD 3,008,791
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LINDMAN, YAEL 3,008,462
LINTULA, NEA JANETTE 3,008,246
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LIU, LI 3,008,623
LIU, MIKE C. 3,008,629
LIU, MIKE C. 3,008,640
LIU, SIJING 3,008,507
LIU, SONGYONG 3,008,469
LIU, TONG 3,008,471
LIU, XIAOLIN 3,008,775
LIU, YUEAI 3,008,217
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LONERGAN, WILLIAM W. 3,008,277
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LONZA INC. 3,008,033
LOO, KENT CHILL 3,008,656
LOOLOOPS, LLC 3,008,656
LOS ANGELES BIOMEDICAL RESEARCH INSTITUTE AT HARBOR-UCLA MEDICAL CENTER 3,008,646
LOVAS, ALAN D. 3,008,278
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LOXO ONCOLOGY, INC. 3,008,488
LU, HAIHUI 3,008,102
LU, HAO 3,008,469
LU, YUN 3,008,036
LU, YUN 3,008,701

LU, YUNFENG 3,008,638
LU, YUNFENG 3,008,647
LU, ZHIJIAN 3,008,653
LUCAS, BRYAN CHAPMAN 3,008,583
LUCERO, ERIK ANTHONY 3,008,825
LUEBBE, THOMAS U. 3,008,291
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LUKACS, SANDOR 3,008,201
LULKER, FRANK 3,008,500
LUMSDEN, SIMONE E.A. 3,008,390
LUO, FENG 3,008,330
LUO, HUPING 3,008,459
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LUO, PETER PEIZHI 3,008,664
LUTAS, ANDREI-VLAD 3,008,201
LUUKKO, KARI 3,008,713
LUUKKONEN, MATTI 3,008,561
LUUKKONEN, MATTI 3,008,757
LYDALL, INC. 3,008,617
LYNCH, MATTHEW LAWRENCE 3,008,246
LYNCH, MATTHEW LAWRENCE 3,008,400
LYNCH, THOMAS J. 3,007,790
LYNCH, THOMAS J. 3,007,793
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MALSBARY, TODD 3,008,231
MAMAN, MICHAEL 3,008,572
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MANUSZAK, BRIAN M. 3,008,818
MAQBOOL, DAANISH 3,008,833
MARBLE AND MARBLE LTD. 3,008,655
MARCHAND, NICHOLAS RYAN 3,008,841
MARCHETTI, CHIARA 3,008,215
MARINKOVICH, M. PETER 3,008,676
MAROSZ, MARION J. 3,008,260
MARRONY, MATHIEU 3,008,699
MARTIKAINEN, MIKA 3,008,561
MARTIKAINEN, MIKA 3,008,757
MARTIN, PENNY 3,008,150
MARTINEZ, CHRISTIAN 3,008,819
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MASTERCARD INTERNATIONAL INCORPORATED 3,008,130
MASTERCARD INTERNATIONAL INCORPORATED 3,008,140
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MAZEL, CHRISTELLE 3,008,528
MAZEL, CHRISTELLE 3,008,529
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MCALEER, LIAM 3,008,554
MCCAFFERTY, MEGAN ROSE 3,008,246
MCCARTHY, STEPHEN J. 3,008,277
MCCARTHY, STEPHEN J. 3,008,283
MCCARTY, MICHAEL K. 3,003,843
MCCAULEY, JOHN A. 3,008,018
MCCAULEY, SCOTT 3,008,287
MCCLORY, ANDREW 3,008,394
MCCORMICK & COMPANY, INCORPORATED 3,008,636
MCDERMOTT, DAVID 3,008,279
MCDONALD, CONOR PATRICK 3,008,476
MCMASTER UNIVERSITY 3,008,041
MCMASTER UNIVERSITY 3,008,183
MCMILLEN, ROBERT J. 3,008,176
MEDIZINISCHE HOCHSCHULE HANNOVER 3,007,881
MEDTRONIC MINIMED, INC. 3,008,629
MEDTRONIC MINIMED, INC. 3,008,638
MEDTRONIC MINIMED, INC. 3,008,640
MEDTRONIC MINIMED, INC. 3,008,647
MEEGAN, JONATHAN EDWARD 3,008,635
MEHIO, RAMI 3,008,176
MEIER, THOMAS 3,008,421
MEIJER, ANDREAS RICHARD 3,008,703
MEISSNER, KLAUS 3,008,726
MEJIA, ESTEBAN 3,008,478
MELCHINGER, ALBRECHT EUGEN 3,008,557
MEN, ILYA 3,008,582
MENG, WEI 3,008,630
MERCK SHARP & DOHME CORP. 3,008,018
MERCK SHARP & DOHME CORP. 3,008,244
MERCK SHARP & DOHME CORP. 3,008,611
MERCK SHARP & DOHME CORP. 3,008,614
MERLIN, SIMONE 3,008,169
MERLIN, SIMONE 3,008,177
MERTENS, IVES 3,007,925
MERZ, CHRISTOPHER JOHN 3,008,140
METABOGEN AB 3,008,195
METABOLIUM 3,007,749
METHNER, FRANK-JURGEN 3,007,967
METSO MINERALS INDUSTRIES, INC. 3,008,766
METSO SWEDEN AB 3,008,544
METZ, ROBERT 3,008,397
METZ, ROBERT 3,008,398
MEYER, MATTHEW JOHN 3,008,102
MEYER, MATTHIAS 3,008,329
MEYER, MATTHIAS 3,008,528
MEYER, MATTHIAS 3,008,529
MEYER, WOLFGANG 3,008,500
MEZENTSEV, OLEG ALEKSANDROVICH 3,008,423
MICHAEL, MATTHEW 3,008,231
MICHAU, PASCAL-DANIEL 3,008,045
MICHIELETTO, MATTIA 3,008,053
MICHLIG GONZALEZ, STEPHANIE 3,008,354
MICRONOVA MANUFACTURING, INC. 3,008,144
MIDATECH PHARMA (WALES) LIMITED 3,008,491
MIDATECH PHARMA (WALES) LIMITED 3,008,554
MIER, JAMES W. 3,008,279
MILGRAM, BENJAMIN C. 3,008,484
MILLAR, GARY BRET 3,008,232
MILLER, AMANDA K. 3,008,283
MILLER, CHARLES E. 3,008,278
MINARD, MICHAEL 3,008,617
MINDELL, DAVID A. 3,008,650
MINOGUCHI, KOKI 2,995,427
MIRANDA, NATHANAEL R. 3,007,813
MIRONOV, OLEG 3,007,911
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MITSUBISHI ELECTRIC CORPORATION 3,008,371
MITSUBISHI HEAVY INDUSTRIES ENGINEERING, LTD. 3,008,221
MITSUBISHI HEAVY INDUSTRIES ENGINEERING, LTD. 3,008,778
MITSUBISHI STEEL MFG. CO., LTD. 2,995,427
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MIYAKAWA, KEI 3,008,218
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MIZRAHI AKSIYOTE, ALDO ADOLFO 3,008,754
MIZRAHI AKSIYOTE, ALDO ADOLFO 3,008,759
MOBEEWAVE, INC. 3,008,571
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MODESTINE, JOHN 3,008,458
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MOLDOVAN, MARIELLA 3,008,193
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MOR, YOAV 3,008,214
MORE, SANTOSH R. 3,008,173
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MOREL, SANDRA 3,008,333
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MORLAT, RICHARD 3,008,773
MOROTA, JUNICHI 3,008,599
MORRIS, CHRISTOPHER 3,008,503
MORTENSON, PAUL N. 3,008,358
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MOTOROLA SOLUTIONS, INC. 3,008,249
MOTOROLA SOLUTIONS, INC. 3,008,259
MOTTIN, JEAN-BAPTISTE 3,008,316
MUGGLI, MARK W. 3,008,575
MULDOWNEY, THOMAS A. 3,008,671
MULHEARN, JAMES 3,008,611
MULHEARN, JAMES 3,008,614
MULLOR MORENO, JUAN VICENTE 3,008,339
MUMM, JOHN BRIAN 3,008,287
MUNCHKIN, INC. 3,008,627
MUNG, JAY 3,008,638
MUNG, JAY 3,008,647
MURAMOTO, KENZO 3,008,786
MURATA, SOICHIRO 3,008,218
MURAYAMA, SEIICHI 3,008,590
MURPHY, CONOR 3,008,100
MURPHY, KEVIN N. 3,008,168
MUSEVIC, IGOR 3,008,288
MUSTAFA, GUL M. 3,008,621
MUTUS, JOSHUA YOUSOUF 3,008,825
MYBRAIN TECHNOLOGIES 3,007,675
MYERBERG, JONAH SAMUEL 3,008,667
MYERS, JOHN D. 3,008,291
MYERS, MICHAEL C. 3,008,630
MYKULOWYCZ, NICHOLAS MARK 3,008,667
NAGANO, KEIJI 3,008,589
NAGELE, ROBERT G. 3,008,434
NAKAYAMA, KIYOSHI 3,008,446
NAKAYAMA, TOSHINORI 3,008,786
NAKAZAWA, YOSHIAKI 3,008,782
NALLEN, MICHAEL A. 3,008,659
NALLEN, MICHAEL A. 3,008,661
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NAMDEV, NIVEDITA 3,008,446
NANTERMET, PHILIPPE 3,008,611
NANTERMET, PHILIPPE 3,008,614
NARIN, TIPSRISUKOND 3,008,758
NARVA, KENNETH E. 3,008,141
NASALEVICH, MAXIM ALEKSANDROVICH 3,008,477
NASKAR, AMIT K. 3,008,672
NATIONAL HEALTH RESEARCH INSTITUTES 3,008,042
NATIONAL OILWELL VARCO, L.P. 3,008,841
NATIONAL RESEARCH COUNCIL OF CANADA 3,008,042
NATIONAL UNIVERSITY CORPORATION CHIBA UNIVERSITY 3,008,786
NAUMANN, DIRK 3,008,040
NAVET, BENJAMINE 3,008,531
NDUBAKU, CHUDI 3,008,394
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NEC CORPORATION 3,008,594
NEGISHI, HIROYASU 3,008,371
NEIDLE, STEPHEN 3,008,215
NELSON, CHRISTOPHER 3,008,421
NELSON, DORIAN P. 3,008,034
NEOS SURGERY, S.L. 3,008,188
NESTEC S.A. 3,008,354
NEURO-SYS 2,988,432
NEUROPHYXIA B.V. 3,008,790
NEUWIRTH, GERALD 3,008,178
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NEW GLUTEN WORLD S.R.L. 3,008,059
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NEXANS 3,008,529
NEZHAD, AMIR SANATI 3,008,841
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NGUYEN, JACK 3,008,170
NGUYEN, NGON T. 3,008,676
NGUYEN, PAUL 3,008,314
NIAMPIRA, MIGUEL A. MOLANO 3,008,857
NICHOLSON, SANDRA E. 3,008,289
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NIE, YUNZHONG 3,008,213
NIE, YUNZHONG 3,008,218
NIEDERBERGER, MARKUS 3,008,191
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NIELSEN, SOEREN KIRKEGAARD 3,008,044
NIELSON, JACOB 3,007,974
NIESWANDT, BERNHARD 3,008,198
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NINOMIYA, YUSUKE 3,008,784
NIPPON STEEL & SUMITOMO METAL CORPORATION 3,008,220
NIPPON STEEL & SUMITOMO METAL CORPORATION 3,008,781
NIPPON STEEL & SUMITOMO METAL CORPORATION 3,008,782
NIPPON THERMOSTAT CO., LTD. 3,008,599
NISHATH, MERWIN 3,008,183
NISHIDA, JEFFREY 3,008,629
NISHIDA, JEFFREY 3,008,640
NISHIMURA, RYUICHI 3,008,782
NISSAN CHEMICAL INDUSTRIES, LTD. 3,008,785
NISSAN MOTOR CO., LTD. 3,008,117
NISSAN MOTOR CO., LTD. 3,008,378
NISSAN MOTOR CO., LTD. 3,008,381
NISSAN MOTOR CO., LTD. 3,008,586
NISSAN MOTOR CO., LTD. 3,008,592
NISSAN MOTOR CO., LTD. 3,008,596
NISSAN MOTOR CO., LTD. 3,008,768
NISSAN MOTOR CO., LTD. 3,008,770
NISSAN MOTOR CO., LTD. 3,008,771
NISSAN MOTOR CO., LTD. 3,008,772
NISSAN MOTOR CO., LTD. 3,008,777
NIV, DROR 3,008,579
NKT PHOTONICS A/S 3,008,053
NOBEL BIOCARE SERVICES AG 3,008,744
NOGUEIRA, KEITH 3,008,629
NOGUEIRA, KEITH 3,008,640
NOKIA TECHNOLOGIES OY 3,008,764
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NORIEGA PEREZ, DAVID 3,008,115
NORIEGA PEREZ, DAVID 3,008,133
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NOSHI, TAKESHI 3,008,607
NOTENBOOM, ARNOUD WILLEM 3,008,477
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NOVARTIS AG 3,008,094
NOVARTIS AG 3,008,098
NOVARTIS AG 3,008,102
NOVARTIS AG 3,008,217
NOVARTIS AG 3,008,776
NOYHOUZER, TOMER AHARON 3,008,537
NUCANA PLC 3,008,556
NUCANA PLC 3,008,749
NUCANA PLC 3,008,751
NUCANA PLC 3,008,769
NUMAO, YASUHIRO 3,008,381
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O'MAHONY, JOHN 3,008,265
O.M.T. OFFICINA MECCANICA TARTARINI S.R.L. 3,008,801
OAMI, SHOKO 3,008,220
OBERTHUR FIDUCIAIRE SAS 3,008,740

OBMOLOVA, GALINA 3,008,819
OCTO TELEMATICS S.P.A. 3,008,567
ODAKA, KAZUTOSHI 3,008,785
OFT, MARTIN 3,008,287
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OHNMACHT, STEPHAN ALEXANDER 3,008,215
OHSHIMA, ATSUSHI 3,008,595
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OKADA, KEIJI 3,008,777
OKU, TAKANORI 3,008,381
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OMURA, TAKESHI 3,008,588
OMYA INTERNATIONAL AG 3,008,706
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ORLANDINI, LAURA 3,008,246
ORLANDINI, LAURA 3,008,252
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ORMEROD, DOMINIC 3,008,709
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ORR, MELVIN ALAN 3,008,398
ORSER, BEVERLEY ANNE 3,008,665
OSTERMAN, ROSS ALAN 3,007,765
OSTLUND, ANTHONY J. 3,008,034
OTA, YUSUKE 3,008,446
OTTENHEIMER, CAROLYN 3,007,761
OTVOS, ZSOLT 3,008,203
OUTOTEC (FINLAND) OY 3,008,561
OUTOTEC (FINLAND) OY 3,008,757
OY GRANULA AB LTD 3,008,075
OZINGA READY MIX CONCRETE, INC. 3,008,166
OZINGA, JUSTIN A. 3,008,166
OZSUMER, SERDAR 3,008,224
PACE, CRAIG S. 3,008,442
PADBERG, FRANK 3,007,883
PAGETTA, BRUNO 3,008,360
PAICE, DEWI 3,008,491
PALONCY, MARIANNE 3,007,761
PAN, KAI 3,008,471
PANCHBHAI, SAYLEE P. 3,008,802
PANDEY, BANIBRATA 3,008,205
PANOUSIS, CON 3,008,448
PAO, PING-CHIEH 3,008,854
PARAJULI, RISHI 3,008,173
PARANJPE, SHRIRAM 3,008,636
PARK, JONG-SUNG 3,008,392
PARKER, GRACE VICTORIA 3,007,772
PARKIN, JONATHAN 3,008,043
PARKS, JESSICA 3,008,030
PASCAL, DENIS 3,008,460
PASCHON, DAVID 3,008,382
PASCHON, DAVID 3,008,413
PATIL, MERU ADAGOUDA 3,008,240
PATIL, SHAILESH 3,008,125
PATIN, AMAURY 3,008,354
PATNAIK, DEBASIS 3,008,854
PATOLSKY, FERNANDO 3,007,599
PATYI, GERGO 3,008,203
PAUWELS, ALEX 3,007,925
PEBBLEPOST, INC. 3,008,842
PECK, SHAUN 3,008,343
PEDERSEN, THOMAS HOLM 3,008,048
PEETERS, CACHA MARIE PETRONELLE CATHERINE DOROTHEE 3,008,790
PELED, AMNON 3,008,107
PELZER, FRANK 3,008,366
PENA, CESAR 3,008,602
PENG, YUXING 3,008,469
PERBOST, MICHEL GEORGES 3,008,286
PEREGO, GABRIELE 3,008,329
PEREGO, GABRIELE 3,008,528
PEREGO, GABRIELE 3,008,529
PEREZ DE ALEJO FORTUN, RIGOBERTO 3,008,187
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PETER, MARIA 3,008,474
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PETIT, PRISCILLA C. 3,008,022
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PGS GEOPHYSICAL AS 3,008,380
PGS GEOPHYSICAL AS 3,008,505
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PHILIP MORRIS PRODUCTS S.A. 3,007,911
PHILIP MORRIS PRODUCTS S.A. 3,008,208
PHILIPPE, NICOLAS 3,007,895
PHILLIP MORRIS PRODUCTS S.A. 3,008,211
PHILLIPS, ANTHONY 3,008,439
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PI, ZULAN 3,008,630
PICARD, EMILIE 3,008,145
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PIECH, GREGOR ANTON 3,008,237
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PILCHER, NEIL 3,008,666
PILLAR TECHNOLOGIES, INC. 3,008,800
PINGREE, LIAM STEWART CAVANAUGH 3,008,606
PINKERT, MIRKO 3,008,385
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PLASSER & THEURER EXPORT VON BAHNBAUMASCHINEN GESELLSCHAFT M.B.H. 3,008,202
PLATEK, ALLEN M. 3,008,818
PLATT, MICHAEL 3,007,761
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PODSIADLO, PAUL 3,008,277
PODSIADLO, PAUL 3,008,283
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POMPER, MARTIN, G. 3,008,392
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PORTER, DAVID GLENN 3,007,777
POSCO 3,008,361
POSNIAK, LUKAS 3,008,546
POUCHY, CHARLOTTE VERONIQUE 3,008,333
POWELL, GLENN 3,008,688
POWERCELL SWEDEN AB 3,008,160
PPG INDUSTRIES OHIO, INC. 3,008,414
PPG INDUSTRIES OHIO, INC. 3,008,789
PREGIZER, CHRISTOPH 3,008,546
PRESTON, SHAUN 3,008,347
PREVIN, VICTOR 3,008,180
PRICE, DANIEL J. 3,008,358
PRICHEP, LESLIE S. 3,008,804
PROCTOR, LEE M. 3,008,138
PRODUCTOS NATURALES INNOCAMPO S.A. DE C.V. 3,008,099
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PROOF, JOSEPH DAVID 3,008,657
PROSSER, KATHLEEN 3,008,318
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PUBLIC UNIVERSITY CORPORATION YOKOHAMA CITY UNIVERSITY 3,008,213
PUBLIC UNIVERSITY CORPORATION YOKOHAMA CITY UNIVERSITY 3,008,218
PULP TECH CO., LIMITED 3,007,766
PURDUE RESEARCH FOUNDATION 3,008,615
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QIAGEN SCIENCES, LLC 3,008,286
QUALCOMM INCORPORATED 3,008,124
QUALCOMM INCORPORATED 3,008,125
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QUALCOMM INCORPORATED 3,008,231
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QUANTICISION DIAGNOSTICS CANADA, INC. 3,008,114
QUEST RARE MINERALS LTD. 3,008,040
RA PHARMACEUTICALS, INC. 3,007,772
RAAB, ALEXANDER 3,008,690
RABAGO, ROBERT E. 3,008,038
RABINOWITZ BATZ, NITZAN 3,008,581
RACAPE, FABIEN 3,008,719
RADER, DANIEL J. 3,008,142
RAGAN, PAULA MARIE 3,008,272
RAGAN, PAULA MARIE 3,008,279
RAGGINI, MARCO 3,008,328
RAGHOTHAM VENKAT, PRASAD 3,008,240
RAGUSA, MARK 3,008,118
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RAJPAL, ARVIND 3,008,678
RAMIREZ, LILIAN 3,008,150
RAMOS DE LA FUENTE, RUBEN 3,008,754
RAMOS DE LA FUENTE, RUBEN 3,008,759
RAMOT AT TEL-AVIV UNIVERSITY LTD. 3,007,599
RAMURTHY, SAVITHRI 3,008,098
RANGASAMY, MURUGESAN 3,008,141
RAO-NAIK, CHETANA 3,008,678
RAPHAEL MAHARAJAH, GNANAVATHANAN 3,008,451
RASCHKA, JOACHIM 3,008,236
RASCHKOWSKI, LESZEK 3,008,673
RAUFFMANN, UDO 3,008,049
RAUNIYAR, VIVEK 3,008,098
RAVIKUMAR, RAVI 3,008,245
RAY, SIBNATH 3,008,205
REDL, ANDREAS 3,008,791
REES, PHIL 3,008,183
REICK, MICHAEL 3,008,636
REITERER, JOSEF 3,008,716
RELKIN, NORMAN 3,008,780
REMMERIE, BART M. 3,008,812
REMONDI, FABIO 3,007,915
RENAUX, MICHEL 3,008,377
RENVERSE, JEAN-LUC 3,008,097
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RICARDO, ALONSO 3,007,772
RICHARD, JULIEN 3,008,700
RICHARDS, STEVEN J. 3,008,849
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RICO ALVARINO, ALBERTO 3,008,124
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RIMON KNOPF, RONIT 3,008,808
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RITAINE, FRANCOIS-JULIEN 3,008,427
RITCHEY, BRIAN J. 3,008,281
ROBERT, VERONIQUE 3,008,315
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ROBERTS, DAVID 3,008,130
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ROBINSON, RICHARD 3,008,098
ROBINSON, RONALD 3,007,790
ROBINSON, RONALD 3,007,793
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ROCKPAPERROBOT, INC. 3,007,625
ROCKWOOL INTERNATIONAL A/S 3,008,534
RODOPOULOS, THEO 3,008,443
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ROECKER, ANTHONY J. 3,008,611
ROECKER, ANTHONY J. 3,008,614
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ROGERS, SCOTT ALFRED 3,008,635
ROHM AND HAAS COMPANY 3,008,275
ROHM AND HAAS COMPANY 3,008,384
ROHM AND HAAS COMPANY 3,008,401
ROHM AND HAAS COMPANY 3,008,679
ROHR, ASMUND K. 3,008,550
ROLLEASE ACMEDA INC. 3,008,328
ROM, OFRI 3,008,462
ROMAN, ALEXANDRE 3,008,700
ROMARI, KHADIDJA 3,007,749
RONG, ZHEMIN 3,008,689
ROOZEMOND, PETER 3,008,051
ROSADO, LUIZ HENRIQUE GUERREIRO 3,008,182
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ROSE, JEFFREY JON 3,008,635
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ROSSI, DANIELE 3,008,578
ROSSI, MICHAEL ALAN 3,008,131
ROTATION MEDICAL, INC. 3,008,668
ROTATION MEDICAL, INC. 3,008,670
ROTELLA, JOHN A. 3,008,608
ROTH, JOSHUA 3,008,441
ROTH, JOSHUA 3,008,456
ROTH, JOSHUA 3,008,458
ROTHE, MICHAEL 3,007,881
ROTY, GAEL 3,008,805
ROUESSARD, JULIEN 3,008,693
ROUSHAN, PEDRAM 3,008,796
ROVI GUIDES, INC. 3,003,843
ROVI GUIDES, INC. 3,008,696
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ROY, PIERRE-OLIVIER 3,008,306
ROYAL GROUP, INC. 3,008,038
ROZIERE, JACQUES 3,008,699
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RYAZANOV, SERGEY 3,008,334
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RYNERSON, MICHAEL 3,008,306
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S-L SNACKS NATIONAL, LLC 3,007,761
SAADEH, DENNIS ELIAS 3,008,039
SABERT CORPORATION 3,008,447
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SACAL MIZRAHI, ALEJANDRO 3,008,099
SACAL MIZRAHI, GABRIEL 3,008,099
SACAL MIZRAHI, SIMON 3,008,099
SACHS, EMANUEL MICHAEL 3,008,667
SADABADI, HAMID 3,008,841
SAFEGUARD BIOSYSTEMS HOLDINGS LTD. 3,008,540
SAFFOURI, JONY 3,008,582
SAFRAN AIRCRAFT ENGINES 3,008,316
SAIJO, HIKARU 3,008,587
SAINT LOUIS UNIVERSITY 3,008,023
SAINT-GOBAIN GLASS FRANCE 3,008,317
SAINT-GOBAIN GLASS FRANCE 3,008,324
SAINT-GOBAIN ISOVER 3,008,533
SAINT-GOBAIN ISOVER 3,008,541
SAINT-GOBAIN PLACO SAS 3,008,773
SAKAMOTO, YOSHIMASA 3,008,786
SALOMON, BENOIT LAURENT 3,008,333
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SAMS, THOMAS A. 3,008,126
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SAMYANG BIOPHARMACEUTICALS CORPORATION 3,008,788
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SANDACH, EYAL 3,008,797
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SANDVIK INTELLECTUAL PROPERTY AB 3,008,724
SANDVIK INTELLECTUAL PROPERTY AB 3,008,741
SANDVIK MATERIALS TECHNOLOGY DEUTSCHLAND GMBH 3,008,049
SANGAMO THERAPEUTICS, INC. 3,008,382
SANGAMO THERAPEUTICS, INC. 3,008,413
SANKARAKUMARA PILLAI, SIVARAMAKRISHNA PILLAI 3,008,758
SANKARAN, BANUMATHI 3,008,809
SANKARAN, BANUMATHI 3,008,812
SANOFI 3,008,052
SANSONE, FRANCESCO 3,008,765
SAPONJA, JEFFREY CHARLES 3,008,654
SAPPI NETHERLANDS SERVICES B.V. 3,008,304
SARDINA, KRISTIN 3,008,285

SARVARY, MARK A. 3,008,818
SARVER, PATRICK JAMES 3,008,098
SASAKI, YUICHI 3,008,371
SASIPA INC. 3,008,460
SATO, MASAYUKI 3,008,119
SATO, YUICHI 3,008,768
SATYAWALI, YAMINI 3,008,709
SAUNDERS, BRIAN 3,008,347
SAURO S.R.L. 3,008,360
SAWADA, MASAKO 3,008,210
SAXTY, GORDON 3,008,358
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SCA HYGIENE PRODUCTS AB 3,008,224
SCA HYGIENE PRODUCTS AB 3,008,226
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SCHALL, BERND 3,008,436
SCHALLER, LEE T. 3,008,358
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SCHIERL, THOMAS 3,008,673
SCHINCKEL, ALLAN P. 3,008,615
SCHLUMBERGER CANADA LIMITED 3,008,397
SCHLUMBERGER CANADA LIMITED 3,008,398
SCHLUMBERGER CANADA LIMITED 3,008,602
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SCHMITT, KARL 3,008,671
SCHMITZ-GOEB, MANFRED HEINRICH 3,008,507
SCHNEIDER, JOHN R. 3,008,789
SCHOCH, STEPHANE 3,008,414
SCHOLTEN, HENK JAN 3,008,649
SCHRANZ, BERNHARD 3,008,204
SCHRECK, ANDREW J. 3,008,146
SCHRECK, BRAD S. 3,008,146
SCHRECK, DAVID M. 3,008,146
SCHROERS, JAN 3,008,667
SCHROM, MARK 3,008,282
SCHUH, CHRISTOPHER ALLAN 3,008,667
SCHULER, FRANCESCA 3,008,259
SCHULTE, CHRISTIE 3,008,358
SCHULZ, FRIEDHELM 3,007,969
SCHUMANN, UWE 3,008,692
SCHVETZ, YOSSEF 3,008,224
SCHWARTZ, BRIAN 3,008,446
SCHWARTZ, JUSTIN MICHAEL 3,007,765
SCHWARZER, ADRIAN 3,007,881
SCHWARZKOPF, ALEXANDER 3,008,800
SCHWENDEMAN, JOHN E. 3,008,414
SCIOG, ROBERT C. 3,008,795
SCOTT, EDWARD DUNDAS 3,007,691
SCOTT, IAN 3,008,632
SCOTT, PETER 3,008,792
SCULLY, MAGDALENA 3,008,392
SDB IP HOLDINGS, LLC 3,008,613
SEALY TECHNOLOGY, LLC 3,008,818
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SEAMAN, PAUL 3,008,554
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SHANXI UNIVERSITY OF CHINESE MEDICINE 3,008,660
SHANXI ZDGSY BIO-SCIENTIFIC CO., LTD. 3,008,660
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SHARABI, EVYATAR 3,008,462
SHEARER, CRAIG 3,008,172
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SHEN, CHUNGSEA 3,008,636
SHEN, GANG 3,008,469
SHEN, MIN-JUI RICHARD 3,008,623
SHEPPARD, PAUL O. 3,008,678
SHIGETA, YASUSHI 3,008,597
SHIM, JOSEPH YOSUP 3,008,667
SHIMURA, NAOHIKO 3,008,590
SHIOMI, TAKESHI 3,008,772
SHIONOGI & CO., LTD. 3,008,607
SHIPPY, JAMES LEE, III 3,008,608
SHISHIDO, TAKAO 3,008,607
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SHY THERAPEUTICS LLC 3,008,171
SIANI, ATTILIO 3,008,761
SIBAND, MATHILDE 3,008,533
SIBAND, MATHILDE 3,008,541
SICHUAN UNIVERSITY 3,008,330
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SICOT, PATRICK 3,008,097
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SINGH, JAIPAL 3,008,147
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SONG, JOO HAN 3,008,705
SONG, STEVEN XUGI 3,008,459
SORBONNE UNIVERSITE 3,008,333
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SPAIN, CHARLES EUGENE 3,008,253
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SPAULDING, DAVID L. 3,008,795
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STAMFORD, ANDREW W. 3,008,018
STEELMAN, BRANDON 3,008,273
STEENBLIK, RICHARD A. 3,008,163
STEFFEN, JENS 3,008,219
STEGEMOELLER, CALVIN L. 3,008,583
STEGNER, DAVID 3,008,198
STEINBECK, MARTIN 3,007,969
STELLAR PROJECT S.R.L. 3,008,765
STEPANYAN, ROMAN 3,008,051

STEPHENS, GARY 3,008,707
STEPHENSON, AMBER MARIE 3,008,399
STEVENS, RICHARD 3,008,763
STEWART, KRISTIN 3,008,144
STIMDIA MEDICAL, INC. 3,008,265
STOCKLEY, MARTIN LEE 3,008,747
STOLLWERCK, GUNTHER A. J. 3,008,078
STOLLWERCK, GUNTHER A. J. 3,008,575
STRACHAN, EUAN CAMPBELL 3,008,233
STRAND, EIRIK 3,008,642
STROM, ERIK 3,008,724
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STUBSRUD, ELISABETH 3,008,437
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SUCHAK, NARESH J. 3,008,430
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SUMIHAR, SILALAHI 3,008,703
SUMITOMO, YAMAJI 3,008,746
SUN, JUNWEI 3,008,264
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SUNTORY HOLDINGS LIMITED 3,008,210
SUOMINEN, PETTERI 3,007,906
SUPERCELL OY 3,008,711
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SUTHERLAND, KEVIN 3,008,766
SUZUKI, KENJI 3,008,362
SUZUKI, KENTA 3,008,117
SUZUKI, KENTA 3,008,592
SWARUP, SHANTI 3,008,414
SWIECKI, MELISSA 3,008,819
SWINSON, KENNETH 3,008,231
SWOBODA, JASON 3,008,602
SWVL, INC. 3,008,454
SYKES, DAVE 3,008,853
SZEWC, MARK 3,008,621
T. MATTHEW, WOOD 3,008,758
TAGGART, MARK CHARLES 3,008,025
TAILLADES, GILLES 3,008,699
TAKAHASHI, TAKEO 3,008,587
TAKAHASHI, TAKEO 3,008,591
TAKEBE, TAKANORI 3,008,213
TAKEBE, TAKANORI 3,008,218
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TAL, MICHAEL G. 3,008,797
TALASAZ, AMIRALI 3,008,651
TALENGEN INTERNATIONAL LIMITED 3,008,185
TALENGEN INTERNATIONAL LIMITED 3,008,186
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TALENGEN INTERNATIONAL LIMITED 3,008,475
TALENGEN INTERNATIONAL LIMITED 3,008,495
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